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INDEX TO ADVERTISERS IN THIS ISSUE.

For more complete Buyers' Guide see "The Chemist & Druggist" Diary, 1917.

The Arabic numerals (1 to 32) in this Index refer to Advertisements in the front of literary pages, the Advertisements following the literary pages are numbered in Roman numerals (i to xxviii)

ALLCOCK MANUFACTURING CO., Plasters, &c.	xxv
ALLIANCE DRUG & CHEMICAL CO., Drugs, Chemicals	xvii
AMSTERDAM QUININE WORKS, Quinine	x
ANGLO-FRENCH DRUG CO., Ltd., Proprietaries	xv
ANGORA PERFUMERY CO., Hair Preparations	18
ARMOUR & CO., Ltd., Rosin Substitute	24, Text
ASSOC. OF MANUFACTURING CHEMISTS, Ltd., Col. Supp.	
RANDOEING QUININE FACTORIES, Quinine Salts	xvii
BARKER, REGINALD W., Patent Agent	Text
BATH & WEST OF ENGLAND COLLEGE	28
BATTAM & HEYWOOD, Chemists' Valuers, &c.	Col. Supp.
BOKER, SHILLAN & CO., Chemicals	xiv
BELL (JOHN) & CROVEND, Ltd., Ampoules	xxiii
BERDOE & FISH, Chemists' Valuers, &c.	Col. Supp.
BIDWELL, BIDWELL & CO., Brushware	20
BLACKIE, ROBERT, Ointments, &c.	xvii
BLYTH, W., & CO., Ltd., Epsom Salts, Zinc Sulphate	xv
BOAKE ROBERTS, A., & CO., Ltd., Chemicals, Essences	12
BOEHM, F., Ltd., Chemicals, Essential Oils	i
BOWLEY, S., & SON, Parasiticide	viii, xxiii
BRITISH CELLULOSE & CHEMICAL MFG. CO., Ltd., Acetic Anhydride	xi
BRITISH PASTEUR-CHAMBERLAND FILTER CO.	27
RULL, D. W., Paper	Col. Supp.
BURGER, WARREN & RIDGLEY, Ltd., Rubber Goods	xxvi
BURROUGH, J., Ltd., Absolute Alcohol, S.V.R., S.V.M., Text	
BURROUGHS, WELLCOME & CO., "Tabloid" Preps	31
RUSH, W. J., & CO., Ltd., Chemicals, Essences, Perfumery	21
CADBY RROS., Ltd., Cocoa	iv
CAMPBELL, ACHINACH & CO., Ltd., Hot Water Bottles	3
CAENEGIE RHOS., Chemicals, Surgical Dressings	xxiii
CHATELAIN, J. L., French Medical Proprietaries	xxix
CHESTER, A. D., & CO., Ltd., Chemicals	ii
CHRISTY, T., & CO., Toilet Articles, Tartar Remover	xx
CLEMENT & JOHNSON, Surgical Dressings	2
COLEMAN & CO., Ltd., Tonic and Medicated Wines	26
CONNELL, A., & CO., Chemicals, Colours, &c.	viii
COOPER, SON & CO., Ltd., Cachets	xx
CUXSON, GERRARD & CO., Ltd., Rorade Socks	16
DAYENPORT, J. T., Ltd., Chlorodyne	vi
DAVIS, W., Window Display Stands	26
DEB, DALLAS, A., & CO., Medical Plasters	xxvi
DEE OIL CO., Ltd., Petroleum Jellies	22
DEGEN, F. A., Advertising	28
EDGE, W., & SONS, Cleaners	18
ELLISON, H., Ltd., Disinfectants	xx
ERASMUS CO., Ltd., Perfumery, Toilet Soaps	15
EVANS, GAYD & CO., Ltd., Pharmaceuticals	i
EVANS SONS LESCHER & WEBB, Ltd., Chemicals, Pharmaceuticals, Druggists' Sundries, Serums, Insect Powders	7, 29, Cover
EVAN-WILLIAMS CO., Henna Shampoo	20
FABRIS, CHARLES, Beeswax, Spermaceti, White Oils	10
FABROV & CO., Glass Bottles	xxiii
FELLOWS' MEDICAL MFG. CO., Medical Syrup	xxvii
FENNINGS, A., Fever Powders	iv
FINK, F., & CO., Gums	xx
FLETCHER, FLETCHER & CO., Ltd., Liquors	Text
FLORBY, HARTLEY, Chemicals	xix
FORD, SHAPLAND & CO., Chemists' Printing	28
FORSHAW, E., & SON, Ltd., Soap & Chemical Plank	30
FRAME FOOD CO., Ltd., Foods	27
FRANSES, J. J., & SONS, Waxes	22
FUERST RHOS, Ltd., Drugs	viii
GALFORD, O. B., Ltd., Medicinal Props., Toilet Articles	4
GULEN MFG. CO., Surgical Dressings, Sundries	xx

GARTHWAIT, W., Dentistry	Col. Supp.
GATES, LESLIE, Bottle Capping	17
GATHERGOODS, Dr. B. W., EXOR., Crude Drugs	7
GOODALL, RAOHOUSE & CO., Packed Goods, Herbs	Cover
GOUGH, KIDSTON & CO., Chemicals	xxi
GOWER, JOHN, Books (Secondhand, &c.)	Col. Supp.
GREIFF, R. W., & CO., Chemicals (Fine and Technical)	8, 9
GUMMED PAPERS, Ltd., Sealing Machine	8
HAMMOND JEFFERY & CO., Ltd., Chemicals	x
HARLEY, T., Rat Poison	xxv
HARRINGTON RHOS., Ltd., Chemicals	viii
HILL, SAMUEL, Ltd., Filter Cloth	xx
HIND, W. J., Bottles	Col. Supp.
HOLT, THOMPSON & CO., Salicylic Acid	ix
HURBUCK, T., & SON, Ltd., Zinc Oxide	iv
HUSKING, O. L., American Drugs, Chemicals, &c.	xv
HUISEN, JULIUS, & CO., Radium Salts	xxvii
INGRAM, J. G., & SONS, Indian Rubber Goods, Teats	xxv
ISAACS, I., & CO., Medical Glassware	Col. Supp.
JOB RHOS., Cod Liver Oil (Newfoundland)	25
JOHNSON, MATTHEY & CO., Ltd., Rare Metals	xvi
JOHNSON & SONS (Mfg. Chs.), Ltd., Chemicals	xi
JOSEPH, PHILIP, & SONS, Ltd., Shoplifters	Col. Supp.
KIRBY, H. & T., & CO., Ltd., Asphalts	xxi
LANG, JULES, & SON, Medical and Chemical Glassware	xxiii
LANKESTER, WICKSTEAD & CO., Ltd., Tartaric Acid	ix
LAZARD-GODCHAUX & CO., Ltd., Chemicals, Dyestuffs	xii
LENNON, D., South African Agencies	xiv
LENNON FOUNDRY CO., Ltd., Chemical Plant	30
LEE TRANSPORT & DEPOSITORY, Ltd.	5
LESCOL PERFUMERY CO., Perfumes, Soaps	15
LEVERMORE, A., & CO., Ltd., Chalk (Precipitated)	xx
LINTON, HURBARD & ANDREW, Essential Oils, Liquorice	xi
LOTHOUSE & SALTER, Ltd., Foods, Asthma Remedies	14
McCOTTER, S. G., & CO., American Chemicals, &c.	7
MGLASHAN, D., Fruit Drink	Col. Supp.
MACNAIR, A., & CO., Absolute Alcohol, S.V.R., S.V.M.	xx
MACFARLAN, J. F., & CO., Alkaloids, Chloroform, Emetine Salts, Surgical Dressings	xii
MADERO RHOS, INC., Glycerophosphates, Saccharin	ii
MAGNUS, MABE & REYNARD INC., Essential Oils	xxvii
MANBER SACCHARINE CO., Ltd., Glucose	27
MARTIN, W., Photographica	Col. Supp.
MAW, S., SON & SONS, Ltd., Druggists' Sundries, Packed Goods, Surgical Instruments, Vacuum Flasks	11
MAWSON & CO., Capsules	xxviii
MAY & BAKER, Ltd., Chemicals, Mercurials	Cover
MEADE-KING, ROBINSON & CO., Petroleum Jellies	23
MIDGLEY, CHAS., Ltd., Medicated Soaps	23
MILLAR, A., & CO., Ltd., Orange Quinine Wine	26
MILNER'S CHEMICAL CO., Hat Cleaners, Insecticides	25
MOND NICKEL CO., Copper Sulphate	xv
MONSANTO CHEMICAL WORKS, Glycerophosphates	ix
MORFORD, G. S., & SONS, Starch Powder, Linseed	Text
NEWBERRY, F., & SONS, Ltd., Druggists' Sundries, Proprietaries	14
NICHOLS CHEMICAL CO., Ltd., Precipitated Chalk	xxvii
NORTH, V. C., & CO., Acetic Anhydride, Phenacetin	xix
NO NORTHERN TIN CANISTER WORKS	xxii
NORWICH CREEP CO. (1885), Ltd., Crepe Bandages	xxiv
PAGE, CHAS., & CO., Chemicals	xiii
PAPIER POUDE, Ltd., Toilet Preparations	19
PEARSON, E. T., & CO., Ltd., Salicylic Acid	ix
PELLIOT, H., & CIE, Chemicals	29
PERRY & HOPE, Ltd., Malt Extract Preps.	1x

PHARMACEUTICAL LANOLINE CO., Lanoline	29
PIORNO, V. A., Chemicals	29
PICKARD, IVE & RANKIN, Ltd., Acetyl Salicylic Acid	xvi
POTTER & CLARKE, Ltd., Herbs, Asthma Remedies	xxvii
FREESTON'S LIVERPOOL DISTILLERY CO., Ltd.	26
PRICE, A. S., & CO., Ltd., Tea Sweeteners	Col. Supp.
PRONK, DAVIS & BUSBY, Ltd.	xxv
14 RAMES & CO., Drugs	xxv
RAWORTH, J. E., Patent Agent	xx
RANSON, W., & SON, Ltd., Lavender Oil, &c.	Cover
REDDGRAVE, BUTLER & CO., Liquid Paraffin	Cover
ROBERTS, Ltd., Toilet Specialties	30
ROBERTS & CO., Continental Proprietaries	xiii
ROBERTS' PATENT FILLING MACHINE CO.	xxiii
ROQUES, FERDINAND, Alkaloids, Caodylates	xvi
ROSENBLATT, SAMSON, Chemicals	xxvii
RUDD, F. M., Peppermint Oil	14
RUDDOCK & CO., Chemists' Shop Fixings	Col. Supp.
SANTAS CO., Ltd., Disinfectants	Text
SHADEINE CO., Hair Dyes	xx
SIMS, GEO. R., HAIR RESTORER CO.	17
SMITH, STANISTREET & CO., Indian Drugs, &c.	x
SMITH, T. H., Ltd., Alkaloids, Resins & Resinoids	xx
SPENCER, ISAAC, & CO. (Aberdeen), Ltd., Cod Liver Oil	13
STANDARD TABLET CO., Flammoids	Col. Supp.
STEAD & CO., Photographica	Col. Supp.
STOKES, C. A., & CO., Ltd., Shaving Sticks	17
SWALES, THOMAS, Loofoah, Corn Plasters	14
SWISS BANK CORPORATION, Mercantile Banking	ii
TAULER, J., & CO., Spanish Agencies	ii
THAMES CHEMICAL CO., Ltd., Face Cream	xx
THAMES PAPER CO., Ltd., Fibreboard Packing Cases	6
THERMOS, Ltd., Vacuum Flasks	12
THOMPSON & CAPPER, Ltd., Pharmaceutical Machinery	30
THOMPSON, J. L., & CO., Japanese Glassware	xxiii
TIMSON, JOHN, & CO., Ltd., Ligatures	xxiv
TITTERTON & HOWARD, Brushware (all kinds)	18
TOLKOWSKY, S., Russian Crude Drugs, &c.	xxvii
TOMLINSON & HAYWARD, Ltd., Weed-killers	Text
TOMLINSON, THOS., & SON, Chemists' Valuers, Col. Supp.	
TOMODA & CO., Japanese Chemicals, Drugs, &c.	xiii
TOPLIS & HARDING, Auctioneers, &c.	Col. Supp.
TURNER RHOS, ASBESTOS CO., Ltd., Asbestos	xix
VAN HORN & SAWTELL, Surgical Ligatures	xx
VENESTA, Ltd., Tinfoil	16
VICHY CO., Mineral Waters	13
VITAMOGEN, Ltd., Food Product	27
VISCOSE CO., Ltd., Bottle Cappings	20
WAIDE, THOS., & SONS, Chemists' Printing	28
WARRICK RHOS., Ltd., Cachets, Capsules, Lozenges	32
WARRINGTON CHEMICAL & DRUG CO., Salicylic Acid	viii
WASHINGTON CHEMICAL CO., Ltd., Magnesia & Salts	ii
WATFORD MANG. CO., Ltd., Soup Cnbes	8
WATSON & CO., Photographica	Col. Supp.
WEST-END PHARMACY SUPPLY, Cachets, Capsules	xx
WESTMINSTER COLLEGE OF PHARMACY	28
WHIFFEN & SONS, Ltd., Emetine Salts, Quinine, &c.	ii, xx
WHIPMAN, P., & CO., Drugs and Chemicals	xxi
WHITAKER & CO., Hat Dyes	18
WIGGLESWORTH, Ltd., Tablets, Pharmaceuticals	Cover
WILCOX, JOZEAU & CO., Continental Proprietaries	Text
WILLOWS, FRANCIS, BUTLER & THOMPSON, Ltd., Drug Grinders, Disinfectants, Foods	ii
WRIGHT, ARCHD. J., Ltd., Electrical Novelties	xix
ZEAL, G. H., Clinical Thermometers	28
ZIMMERMAN & CO. (Chemicals), Ltd., Chemicals	xx



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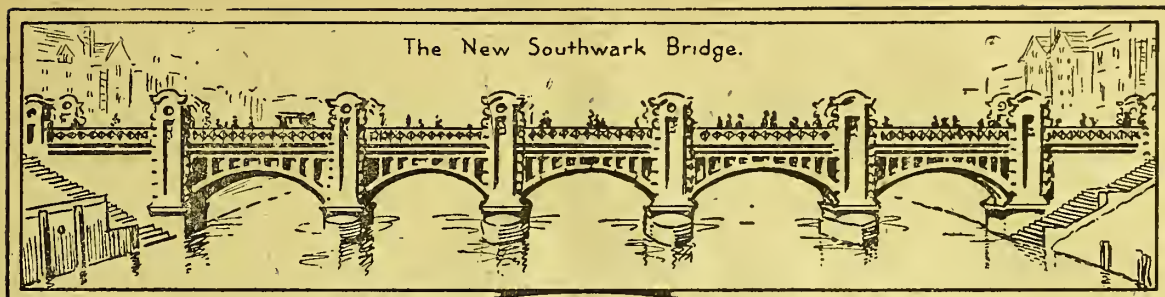
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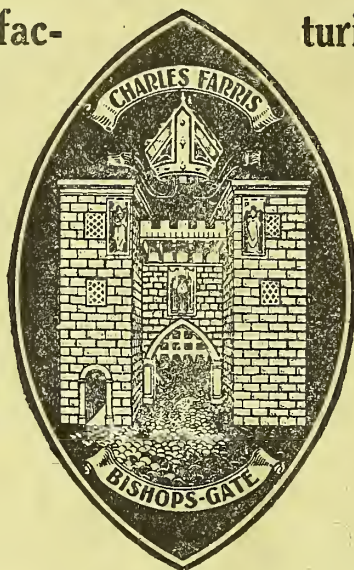
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King Street.

NEW YORK AGENTS:
R. W. Greeff & Co.,
80, Maiden Lane.



The only actual manufac-
Oil Refiner in the

turing Wax Chandler and
City of London.



BEEES

WAX

"FARRIS'S"

The Real Old-fashioned, Guaranteed Genuine
Air-Bleached, B.P.



"FARRISOL"

— ENGLISH MADE —

WHITE MEDICINAL OIL, B.P.

(PARAFFINUM LIQUIDUM, from Pure Russian Oils).

Guaranteed to exactly conform to B.P. tests.

RECOMMENDED AND ADOPTED BY THE HIGHEST MEDICAL AUTHORITIES.
ABSOLUTELY ODOURLESS AND TASTELESS.

Consumers should insist upon a thorough test, as there are so-called white oils on the market which lack the pure ingredients and the special treatment absolutely essential to produce the B.P. article. By purchasing from Charles Farris you secure the guarantee of an old-established House and complete satisfaction.

Samples and prices for comparison free on application.

Large Stocks always Ready for Immediate Delivery.

Bees Wax, Spermaceti, Paraffin Wax, Candles, Olive Oil Soap, Pure Olive Oil, Lubricating Oils. Insulating Fluid and Wax.
Special Refiner of Oils for the fine Clockwork of Telegraphic Instruments. OIL REFINER TO H.M. GOVERNMENT.

The only actual Manufacturing Wax Chandler in the City of London.

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.

Works—HELMET COURT, BISHOPSGATE, E.C.

Warehouses & Stores—91 & 93 BISHOPSGATE, and 12 WORMWOOD ST., E.C.

Telephones: LONDON WALL, 9397 and 9398. Telegrams: "WAXINESS, LED, LONDON."

TELEPHONE:
CITY 7
PRIVATE
BRANCH
EXCHANGE

TELEGRAMS:
ELEVEN
CENT
LONDON



S. MAW & SONS LTD.
7/12 ALDERSGATE STREET
LONDON
ENGLAND



CABLES:
ELEVEN
LONDON

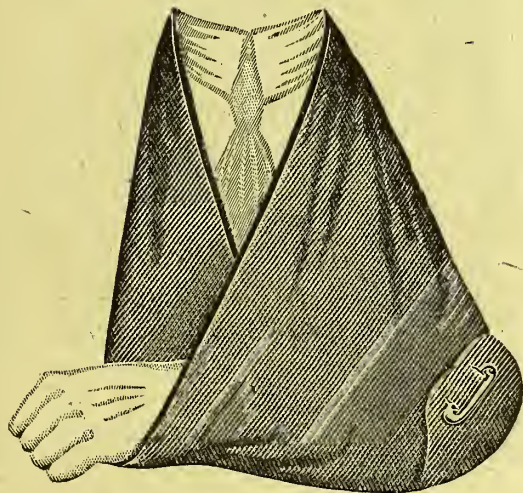
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A : B : C
4TH & 5TH
EDITION

Maw's Page.

NUMBER 314.

OCTOBER 20, 1917.

'CELLA' ARM SLING KNITTED NOT WOVEN



THIS Arm Sling is a standard size plain triangular bandage — i.e. 54 in. at its longest measurement — and is therefore of the simplest in adjustment.

Its material and construction permit of a certain amount of elasticity, which adds very considerably to the comfort of the wearer, and being perfectly ventilated, it is most suitable for use at any time.

The Sling is an ideal one for an officer's use, as it is plain khaki in colour, while it is equally a neat and inconspicuous support for civilian use.

PRICE **11/6** PER DOZ.

MAW'S ANTIVERM TRENCH POWDER.

A New Preparation embodying all the properties of the now famous Antiverm.

A SURE PARASITICIDE.

In convenient Containers.

PER **4/-** DOZ.



HOURS OF BUSINESS: 8.30 a.m.—5.30 p.m.

CLOSE AT 1 p.m. SATURDAYS.



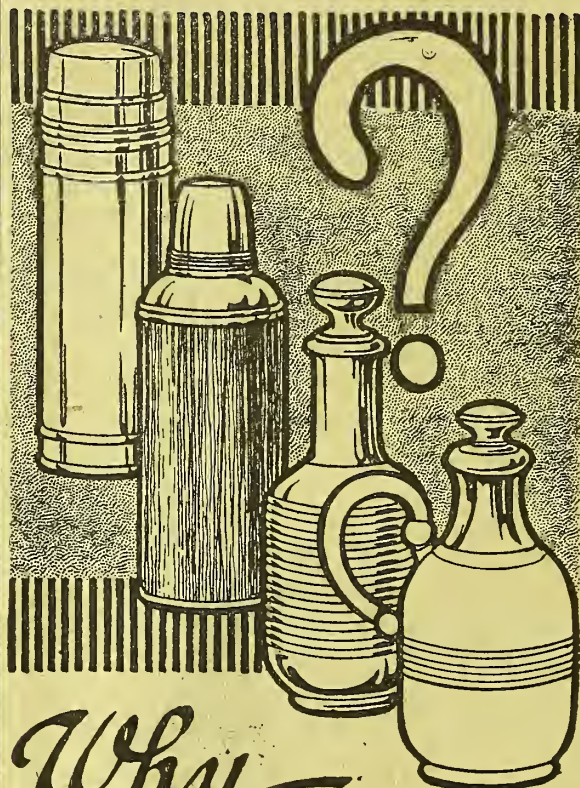
The Finest Quality
Aerated Waters are
made only with
the Finest Quality
ESSENCES

**Boake
Roberts'**

Soluble Essences are
of the finest quality
and being extremely
concentrated are
most economical

Lemon	Ginger Ale
Orange	Stone Ginger (Cloudy)
Ginger	Clear Ginger Beer
Raspberry	Kola Champagne
Strawberry	Lime Juice and Soda
Pineapple	Lemon Squash Vanilla

A. Boake Roberts & Co. L^d
• Stratford, London



*Why
Stop at the
Bottle?*

IF your customers can buy and
use the THERMOS Bottle,
they can also find a use for
THERMOS JUGS, FOOD
JARS, and CARAFES. If you
can sell the one you can surely
sell the others. Why not try a
few in stock?

CATALOGUES, &c., ON REQUEST

THERMOS
Ltd.,

BYRON HOUSE,
2 & 4 Finsbury St., London, E.C. 2.

1917
We can deliver at once New 1917
HIGHEST QUALITY NORWEGIAN
MEDICINAL NON-FREEZING

COD LIVER OIL

**PROMPT
DELIVERY**



REGISTERED TRADE MARK

**LOWEST
PRICES**

ISAAC SPENCER & Co. (ABERDEEN) LTD. ABERDEEN



THE FRENCH NATURAL MINERAL — WATER. — **VICHY-CÉLESTINS**

DISORDERS of the LIVER, GOUT,
Diabetes, Rheumatism, Gravel, &c.

VICHY-ETAT PASTILLES.

Two or three Pastilles after each meal facilitate Digestion.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the words "VICHY-ETAT" and the name of the **SOLE AGENTS:** IN RAM & ROYLE, Ltd., Bangor Wharf, 45 Belvedere Road, LONDON, S.E.

PROPERTY OF THE FRENCH GOVERNMENT.

Shaving Sticks.

ALL BRITISH.

Good Design and Quality.

"AVON," Cartoned, **30/-** gross.

"CREAM OF ROSES," Decorated
Tin in four colours, Rose
design on Cream ground,
60/- gross.

**ALUMINIUM HOLDER AND FINGER
PROTECTOR . 99/-** gross.

TABLET, Cartoned . 36/- gross.

Sample of each for stamps **1/6**.

STOKES & CO., LTD.

31/35 Lower Castle St., BRISTOL.

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
— Manufacturing Chemists —

HULL

INVITE the Trade to take up the following valuable
P.A.T.A: Protected Lines, bearing a large Protected
Retail Profit, which sell freely and are well known
and valued by the Public in many parts of the country.

	P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins		7½d.	5/6
* " " " " " "		1/2	10/-
* " " " " " "	bottles in cartons	1/6	12/-

**Losall's Salt sells so well, surely it
must pay Pharmacists to stock such
a large profit-bearing protected line.*

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, } 13/6 per dozen
especially suitable for use in Eczema } boxes net.

Chemists requiring effective advertising matter for
Losall's Salt, &c., will, on application direct to
Lofthouse & Saltmer, receive a liberal supply of
Dummies, Showcards, Window Slips, Price Tickets,
&c., Carriage Paid, whether or no they have an
account open with the Firm.

"FOLLOW THE FLAG."

Why sell Newbery's Patriotic Tooth Powders?

BECAUSE

ROYAL STANDARD

UNION JACK

WHITE ENSIGN

ENTENTE

Sell readily and bring good repeats, and
attract the best class of customer to
your shop.

PER GROSS NET:

24/- and 40/-

Samples Free.

F. NEWBERY & SONS, LIMITED, Charterhouse Square, LONDON, E.C. 1.

F. M. RUDD,

Bronson,

MICHIGAN,

U.S.A.

**GENUINE AMERICAN
PEPPERMINT OIL**

*"Columbia" Natural
"Diamond White"
Re-distilled.*

Finest qualities for Druggists,
Distillers and Confectioners.

Sole Consignees in United Kingdom—

R. W. GREEFF & CO.

Thames House,

Queen St. Place, LONDON, E.C.

FINEST OIL SOAP

(Tivollier de Gourjon, Marseilles).

PURE SAFFRON

(A. Jaurand, Orleans).

PURE RICE STARCH POWDER.

CONFECTIONERS' COLOURS.

ANILINE DYES for all purposes.

For particulars and samples, apply to

PRONK, DAVIS & RUSBY, LTD.

13 Haydon Street, LONDON, E. 1.



Coloured Showcards of above will shortly
be supplied.

THE "ERASMIC" SHAVING STICK

Should be one of your leading
lines. Can be recommended
as the finest stick on the
market. Now being advertised
in the leading papers.

.....
PROFITS GOOD AND
PRICES PROTECTED.
.....

"ERASMIC," Perfumers, WARRINGTON.

"LESCOL" FLORAL PERFUMES

NOTICE !

*We strongly advise Chemists before
purchasing their Christmas lines to
send us particulars of their require-
ments, and complete Price List will be
sent, or one of our representatives will
call with full set of samples when in
their vicinity.*

We are holding a large stock at remunerative prices

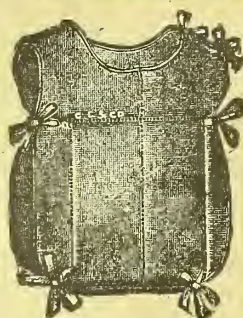
LESCOL PERFUMERY CO.,

Lomond Grove, Camberwell Green,
LONDON, S.E. 5.

Telephone: 810 HOP.

(Proprietors: The London Essence Co.)

Telegrams: "VANILLIN, CAMBER, LONDON."



SHOWCARDS
AND
ADVERTISING MATTER
SUPPLIED
WITH EACH ORDER.

"ZUDOR" JACKETS

*Made in six stock sizes.
Any special size made to order.*

IN TWO QUALITIES.



Facsimile of Showcard.

COTTON WOOL.						LAMB'S-WOOL.			
No.	Across Chest.	Shoulder to Waist.	Per Dozen.	Retail, each.		Per Dozen.		Retail, each.	
1	8	6	7/6	11d.		12/-		1/6	
2	10	8	9/6	1/2		15/-		2/-	
3	12	10	12/-	1/6		18/-		2/6	
4	15	12	15/6	2/-		21/-		3/-	
5	19	13	19/3	2/6		24/-		3/9	
6	21	15	23/-	3/-		30/-		4/-	

Owing to the shortage in supplies of Raw Materials, we strongly advise
Chemists to order stocks NOW.

CUXSON, GERRARD & CO. Ltd., Oldbury & Birmingham

TIN BRITISH MAKE FOIL

Highly polished foils—printed, lacquered, embossed or plain.
Guaranteed free from lead for tobacco, cigarettes, food-
stuffs, etc. In sheets or reels—large or small quantities

Also collapsible tubes in pure tin, pure lead or lead-
coated with tin for rubber solution, artists' colours,
tooth pastes and other toilet preparations.

SHAVING STICK CASES.

SCREW-CAPS, ETC

Venesta Ltd
1, GREAT TOWER ST.
LONDON





Don't Use Cheap and Nasty Corks !

I am offering the **Finest White Corks** as above.
Packed in 6-gross bags.
Four sizes, separate bags
(2 dr., 1 oz., 4 oz. & 8 oz.),
5/6 per bag post free.

THOS. SWALES,

SUNDRIESMAN,
24 Butts Court, and 89 Albion Street,
LEEDS.

IMMEDIATE DELIVERY

GATES' BOTTLE CAPPING SKINS



SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and **READY FOR USE.** The raw material for Baudruche manufacture being now unobtainable, I am putting this new production on the market in its place. **ABSOLUTELY AS OPAQUE** as Split skins and equal in appearance.

"Mine beat all others."



Sole Pioneer and Only English Manufacturer:

LESLIE GATES,

3 Nightingale Rd., Clapton, E.5.

Telegraphic Address:
"Englishism, Lowclap, London."
Telephone: Dalston 1207.

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.



Are YOU making money out of SEEGEROL?

IF you fail to push Seegerol **NOW** you miss a golden opportunity.

A Big Advertising Campaign

—the most strenuous and impressive ever undertaken in this line
—is bringing the incomparable merit of Seegerol for Grey or Faded Hair before the public
—is directing the public demand to *your* shop.

Chemists who keep Seegerol to the forefront to-day are reaping a rich reward of pushing a sound article at a popular price. Seegerol is unquestionably the safest and the most satisfactory hair-tint on the market. It retails at 2/6 the flask, and there are seven tints—brown, dark brown, light brown, black, auburn, golden and blonde.

Order now through your wholesaler, or direct from

SEEGEROL LABORATORIES,
1 Tabernacle St., Finsbury, London, E.C.2.

NOTE.—Steps are being taken to put this proprietary on the P.A.T.A. list to absolutely maintain the retail price.

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

We have been compelled to extend our premises

in Willesden as the sales of Anzora are increasing by leaps and bounds in spite of War-time difficulties. You can have a share in the boom. Our Trade Terms for Anzora Cream and Anzora Viola are:

TRADE } 11/6 per doz. Retail at 18/-
TERMS } 19/6 " " " 30/-

Backed up by an energetic advertising scheme. Don't stock substitute; handle Anzora only. Write for particulars and Showcards.

ANZORA PERFUMERY CO.
28, 32, 34 Willesden Lane, N.W. 6.

ANZORA
HAIR CREAM

Iron-mould—watch it vanish!
A rust-stain does not mean a catastrophe now. MOOVOL saves your blouses from the rag-bag, because it absolutely clears the stain away whilst you look. A touch, a gentle rub, a wait of two minutes and the stain is gone more.

MOOVOL
PASTE

Removes 'Iron-mould,' Rust, Fruit and Ink Stains.
A Thimbleful in the rinsing water removes the YELLOW TINGE from linen. Send 1s. 2d. for a sample at once.

EDGE'S, Bolton, Lancs.
Sold by chemists, ironmongers, etc. In 6d. and 1s. tubes

You Reap the Profits!

The above is only one of the many forceful advertisements now appearing in the most influential National publications and Fashion periodicals telling housewives that Iron-mould is no longer immovable. Moovol contains no injurious acids and is not harmful to the most delicate fabric.

ARE YOU PARTICIPATING IN THE PROFITS?

Send a P.C. for trial stock and display material to

WM. EDGE & SONS, LTD.,
BOLTON, LANCs.
(THE DRUMMER DYE PEOPLE.)

9d



Make your old Hat a new one.

In bottles, 9d. each, in separate neat cartons, with suitable brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS. NO POLISH.

On the P.A.T.A.

WRITE FOR TERMS, PATTERNS, ALSO LEAFLET OF TESTIMONIALS.

"Luton" HAT DYE

WHITAKER & CO., COLOUR WORKS, KENDAL, ENG.

London Depot; 60-62 Clerkenwell Road, E.C.

"Glossy" Series supplied if desired.

Special Non-Inflammable Series for Export. Est. 1878

Telegraphic Address: "Dullette Kendal." Telephone: No. 214.

TITTERTON'S
CELEBRATED
HAIR BRUSHES

GOOD PROFITS
are made by selling
TITTERTON'S
CELEBRATED
BRUSHES

(Hair, Tooth, Nail & Shaving Brushes).

They have a world-wide reputation for excellence of quality, and perfection of workmanship. Should be stocked by all Chemists desiring to give the public the best value for money.

Illustrated Catalogue on application.

TITTERTON & HOWARD,

Brush Manufacturers,

8 & 10 Great Titchfield St., London, W.1.

PAPIER POUDRÉ

AND "POPPŒA" PREPARATIONS.

TRADE

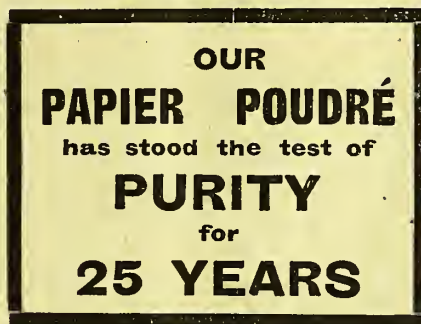


"LEHCARESOR."

Papier Poudre

MARK

BRITISH MADE
GOODS



Beware of Spurious Imitations.

REGISTERED



PAPIER POUDRÉ, LTD.

20 Baker St., Portman Sq. London, W.
and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

PAPIER POUDRÉ.

IN WHITE, ROSE, or RACHEL TINTS, 3d., 4½d., 6d., and 1/- size Booklets.
2/-, 2/6, 3/9 and 7/6 per doz. net respectively.
SUNBURN TINT, 6d. and 1/- sizes, only 3/9 and 7/6 per dozen net.

NEAT 1/- MIRROR CASES, containing pads of PAPIER POUDRÉ	7/6 per doz.
REFILLS to these MIRROR CASES	... .. 2/- "
SMALL SIZE, DOUBLE LEAVES, for purse or glove	... .. 1/3 "
6d. SHAVING PADS (unscented, white only)	... .. 3/9 "

THE ALL-BRITISH "POPPŒA" PREPARATIONS.



ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 3d., 6d., and 1/- each.
2/-, 4/-, and 8/- per doz. respectively.

IN MIRROR CASES, 1/- each, 8/- per doz.
Refills, 2/8 per doz.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars 9/6 and 28/- per dozen.

"POPPŒA" CREME POUDRE, in Bottles, 9/- and 26/- per dozen.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, LONDON, W.1.



THE WORLD'S KEENEST BUYERS

and Business men know the value and importance of stocking an article appealing especially to Woman, the great spending factor of this country.

The EVAN WILLIAMS' ORIGINAL HENNA SHAMPOO, through the perfection of its manufacture, is recognised as the standard of Henna quality. It is to be found in every successful establishment because it unfailingly attracts the best class of buyer wherever it is shown.

We are just commencing a large advertising campaign. This has been so arranged to create a demand for our Retailers, and it will pay you to secure your stock without delay. Remember, EVAN WILLIAMS' HENNA SHAMPOO is a proposition which sells itself wherever shown.



Write TO-DAY for full particulars of our Special Autumn Discount Offer.

THE EVAN WILLIAMS CO. Ltd., 18 & 18a Ogle Street, Foley St., LONDON, W.1.

(1)

Bidwells' Ltd.

TOILET BRUSHES

Finest Quality.



HAIR BRUSHES

Bidwell's
"GLORIA"
Silverdrawn
Perfect Tooth Brush

Head Office and Factories : AXMINSTER, Devon
London Office :
BUSH LANE HOUSE, CANNON STREET, E.C. 4



IRON BARS
could not more safely
preserve a bottle's
contents than do

SEMREH
SELF-FIXING
BOTTLE CAPS.

Particulars from
THE VISCOSE
Development Co., Limited,
BROMLEY, KENT.

DECOLTENE

The liquid hair remover



Dinkie
The
Dainty Deodorant

The intelligent depilatory.
Simple, safe and effective.
Pleasant and harmless. In-
valuable during the décolleté
vogue. Daintily packed.

An attractive line that
enjoys good sales. A grease-
less Cream, that takes the
odour out of perspiration.
Daintily packed in opal jars.

Ask your wholesaler.

Both articles largely advertised.

SATISFACTION GUARANTEED OR MONEY BACK.

TRADE TERMS.

DECOLTENE. Advertised 3/9
and min. Retail price

Trade 30/- per doz.

DINKIE. Advertised and 2/6
min. Retail price

Trade 20/- per doz.

5% cash with order.

Carriage paid on £1 lots.

Particulars on request.

ROBARTES, LTD.,
128 JERMYN STREET,
LONDON, S.W.1
Telephone - - Gerrard 3612.

THE ORIGINAL ENGLISH PERFUME

Owing to
the drastic
measures
taken by
the
Minister of
Munitions
with refer-
ence to
Perfumery
Spirit,
prices are
subject to
revision.

Same can
be
obtained
on applica-
tion.

P&M



Owing to
the drastic
measures
taken by
the
Minister of
Munitions
with refer-
ence to
Perfumery
Spirit,
prices are
subject to
revision.

Same can
be
obtained
on applica-
tion.

1749

POTTER & MOORE MITCHAM

SOLE PROPRIETORS:

W. J. BUSH & CO., Ltd., Ash Grove, Hackney, London, E. 8.

Petroleum Jelly

White, Yellow, Amber,
& Ruby Red, for all
Pharmaceutical and
Veterinary purposes

MEADE-KING, ROBINSON & CO.
LIVERPOOL . . . MANCHESTER

We offer

WAXES

PETRO. JELLY

LIQUID PARAFFIN

B.P.

WHITE OILS

Send us your inquiries.

J. J. FRANCES & SONS,
LIMITED,

80a Southwark St., LONDON, S.E. 1.

Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow
and golden, for pharmaceutical
purposes.

MANUFACTURED SOLELY BY

The Dee Oil Company, Ltd.
Delta Works . Bootle . Liverpool.

Packed in barrels, kegs, and smaller
packages according to requirements.

Inquiries are solicited for this article
of **BRITISH MANUFACTURE**, and
buyers may rely that for quality and
price it will meet any competition.

Other Grades

Petroleum Jellies, White Bases, &c.
Samples and prices on application.

"OLEUM DEELINÆ," a certain cure for Eczema.

Phone: 186 Bootle.

Wires: "Cestrian Liverpool."

Established in the Reign of King William the Fourth

Midgleys



Manchester

TELEPHONE: 7665 & 7666 CITY.

REGD. OFFICE: 5 MAYES STREET.

TELEGRAMS: "MEDICATED, MANCHESTER."

The Perfumery Season 1917

is at hand, and Midgleys devote this page to information regarding Duma Perfumery and Dorset Lavender, two only of their special agencies. Write for full catalogues, with testing samples and special terms.



DUMA VIOLETTE

One of the most exquisite Violet Perfumes possible.

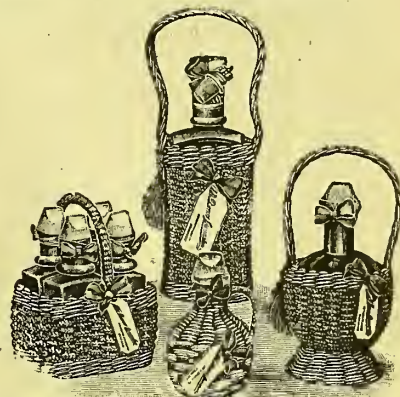
Bottle of entirely original design in a dark green Suede case.



PARFUM SANS ALCOOL

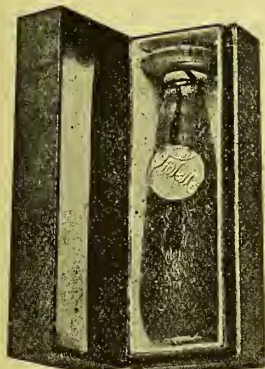
These new perfumes are prepared entirely without spirit, and are very strong. It is quite sufficient to just touch the handkerchief with the stopper, when it will be found so strongly perfumed as to last for some days.

The cases are pale blue in colour, with silk lining.



DORSET LAVENDER WATER

Full particulars on application. Liberal profits. Always an attractive seller at this time of the year.



Our exquisite Violet Perfume is here presented in a new lily bottle of original design in mauve-coloured Suede case.

RÉVE D'AMOUR



A delightful perfume, possessing and imparting to the senses a most refreshing sweetness. Beautifully cased in a new violet-coloured Suede box, with jewelled button clasp.

Parfumerie

Duma

Exquise.

In presenting a completely New Series of High-class Perfumery, may we be permitted to direct special attention to our new odours, "SHE" and "ISIS," both of which are the result of long study in the blending of natural oils distilled from flowers, and render eloquent testimony to the perfumer's art.

Violette Duma and Muguet Duma continue, by virtue of their unfailing consistency, to provoke the highest expressions of admiration and pleasure from our clients, and their method of presentation is both novel and artistic.

The originality and quaintness of our bottles, which are designed by Duma, render them a charming addition to my lady's *table de la toilette*.

Parfum Sans Alcool continues largely in favour. They are entirely free from alcohol, and represent truthfully the perfumes of the individual flowers. One drop suffices for several days, its sweetness developing as the hours go by.

Duma

COMMUNIS CASE



A mahogany case decorated with gilt metal ornaments, lined, and fitted with cut and polished bottle of "Nita," "Isis," "She," or "Duma" Perfume.

"4/6 GOBLETS"



PARMA VIOLET

CARNATION

HELIOTROPE

LILY OF THE VALLEY

PEAU D'ESPAGNE

SWEET PEA

WALLFLOWER

WHITE ROSE

"RENNASE"

(Formerly sold as "Rensin.")

Trade Mark

Applied for.

A MILK-CURDLING FERMENT RECOMMENDED as EQUAL to STANDARD RENNET FOR CHEESE MAKING.

"RENNASE" is a new product of the Armour Laboratories, intended to meet the most exacting demand of the trade for a reliable curdling agent that does not require any change in the customary methods or processes of Cheese making.

"RENNASE" has been carefully tested and proven in both the Laboratory and the Cheese Factory.

"RENNASE" is equal to Standard Rennet in the formation of a uniform and solid junket.

"RENNASE" is rapid in action under usual factory conditions.

"RENNASE" The price is less than that of most brands of Standard Rennet.

"RENNASE" is supplied in Quart, Half-Gallon, and Gallon Bottles, 10-Gallon Kegs, and 36-Gallon Barrels. Order from your Wholesaler.

Samples gratis to Chemists and Cheese Makers, if request is made upon business stationery.

ARMOUR AND COMPANY, LIMITED,
QUEEN'S HOUSE, KINGSWAY, LONDON, W.C. 2.

SAVE 3/- PER GALLON

BY BUYING

GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING

MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL."

Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F.

Established 1780.

"PLANO" FOR CHAPPED HANDS

2d. per Tablet.

What Chemists say:

Dartford, 24/2/17.

"You will be interested to hear that 'Plano' sells like hot cakes, and brings repeats."

Dunblane, 23/2/17.

"A rattling selling line, very effective."

Dover, 15/2/17.

"'Plano' is a great success, our 6-dozen sold in 10 days."

What the Public say:

Preston, Dec. 19, 1916.

"Please send me another tablet of 'Plano,' as I found the last one very good, and this is for a friend."—Yours E. D.

Eastry, Kent, Nov. 20, 1916.

"Miss F. writes to thank Messrs. Milner & Co. for 'Plano' sent. She encloses P. Order for One Shilling for six cakes to be sent to above address. She is more than pleased with it."

Warminster, 25/11/16.

"Will you please send me, to the above address, 3 tablets of 'Plano.' I am enclosing 6d. in stamps for same. I find it excellent for roughness and shall always recommend it."

PRICE LIST.

DISCOUNT.

2d.	{ 3 dozen ... 4/- }	} net
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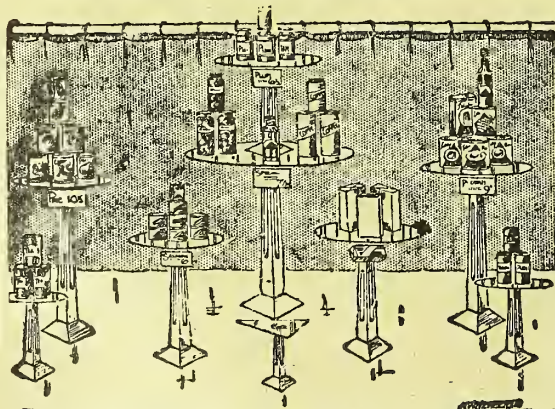


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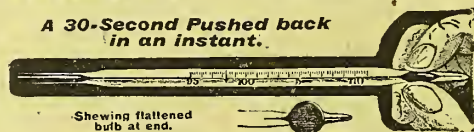
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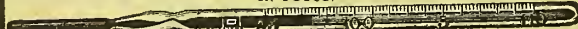


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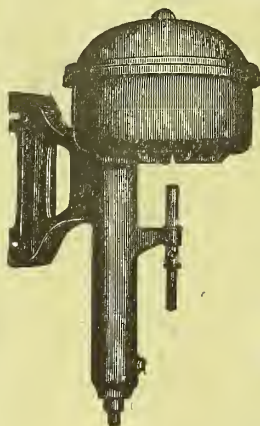
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CONTENTS: No. 42 (Series No. 1969), Vol. 89.

	PAGE		PAGE
Birmingham Pharmaceutical Association	Col. Supp.	Information Department	40
Birth	38	Insurance Act Dispensing	37
Bradford Pharmacists' Association	Col. Supp.	Irish News	36
Business Changes	38	Legal Reports	39
Colonial and Foreign News	Col. Supp.	Marriages	38
Coming Events	33	Military Tribunals' Decisions	34
Company News	40	Observations and Reflections	41
Correspondence:		Personalities	38
Letters	51	Pharmaceutical Society of Ireland:	
Subscribers' Symposium	52	Annual Meeting	44
Legal Queries	52	Council-meeting	45
Miscellaneous Inquiries	52	Examinations	46
Deaths	38	Poisonings	36
Editorial Articles:		Private Arrangement	34
Proprietary	Venerol	Retrospect	52
Remedies	42	Scottish News	36
Seeds and Fixed Oils	43	Trade-marks	Col. Supp.
September Overseas Trade	44	Trade Notes	40
English News	31	Trade Report	48
European War	33	Westminster Wisdom	Col. Supp.
		Winter Session of Chemists' Associations	46

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, October 22.

Chemical Industry Club, Abercorn Rooms, Liverpool Street, London, E.C., at 8 P.M. Discussion on "Why we are Marking Time in the Practical Development of Research in the Chemical Industry."

Leith Pharmacists' Association, Wilson's Rooms, at 8.30 P.M. Annual meeting and discussion on prices for dispensing and patent medicines.

Wednesday, October 24.

Liverpool Chemists' Association, Royal Institution, Colquitt Street, at 8 P.M. Mr. S. W. Woolley on "Enemy Patents and Trade-marks."

Birmingham Pharmaceutical Association, The University, Edmund Street, at 3 P.M. Annual general meeting.

Thursday, October 25.

North London Chemists' Association, Progressive Pharmacy Club, Arundel Hotel, Arundel Street, London, W.C., at 3 P.M. Discussion on "How Progress is Possible in Pharmacy."

ROYAL INSTITUTE OF PUBLIC HEALTH.—A course of lectures on "Public Health Problems under War and After-war Conditions," is to commence on October 31 at 37 Russell Square, London, W.C., at 4 P.M.

European War News.

Raw Materials Committee.

Dr. Addison, the Minister of Reconstruction, has appointed a Committee to consider and report upon questions connected with the supplies of raw materials which will be required by British industries for the purpose of restoring and developing trade after the termination of the war, and the best means of securing and distributing supplies, due regard being had to the interests of the Allies. The Committee is requested, in regard to any commodities which might not be available in sufficient quantities and at reasonable prices through the ordinary commercial channels, to consult members of the trades concerned with regard to any steps that may be necessary to safeguard the needs of industry and to secure convenient and equitable distribution. The Committee, which will be known as the Central Committee on Supplies of Materials, consists of Sir Clarendon Hyde (Chairman), Sir Henry Birchenough, Mr. Cecil Budd, Sir Charles W. Fielding, Sir H. Babington Smith, Mr. Wallace Thorneycroft, and Mr. Andrew Weir. The Secretary is Mr. J. F. Ronca, Board of Trade, communications to whom should be addressed to the Ministry of Reconstruction, 2 Queen Anne's Gate Buildings, Westminster, S.W. 1.

Personalia.

PRIVATE HORACE E. PETTY, Royal Dublin Fusiliers, has been awarded the Military Medal. Prior to joining the Colours he was a dispenser at Cardiff.

SIGNALER WILLIAM RIGBY, Shropshire Light Infantry, has been wounded, and is in hospital in England. He was formerly assistant to Mr. F. E. Evans, chemist and druggist, Lymm.

PRIVATE R. W. ROBINSON, Royal Welsh Fusiliers, is reported ill in a military hospital in Italy. Before joining the Army he served his apprenticeship with Boots, Ltd., St. Anne's-on-the-Sea.

LANCE-CORPORAL N. KIRKWOOD, Royal Irish Rifles, has been awarded the D.C.M. Lance-Corporal Kirkwood is the second son of the late Mr. Kirkwood, druggist, Larne, and joined the Volunteers in 1914.

MR. RONALD G. NICHOLS, an ex-student of the Bath and West of England College of Chemistry and Pharmacy (Principal, Mr. David J. Williams, F.C.S., Ph.C.), has been granted a commission in the R.F.C.

SECOND-LIEUTENANT H. G. GRANTHAM, who was recently gazetted, is about to see service in Egypt. Lieutenant Grantham till lately represented Allen & Hanburys, Ltd., in Ireland (*C. & D.*, September 15, p. 33).

LIEUTENANT F. JOTCHAM, R.E., is reported wounded. Prior to enlistment he had taken up a course at the Bath and West of England College of Chemistry and Pharmacy after experience with Steele & Marsh, Milson Street, Bath.

SECOND-LIEUTENANT H. R. DAVIS, Royal Sussex Regiment, who has recently been gazetted, joined the R.A.M.C. soon after the outbreak of war. He is a brother of Mr. David Davis, chemist and druggist, Jules Street, Johannesburg.

PRIVATE HERBERT NUN was wounded at the Front on September 19. His apprenticeship was served with Mr. F. W. Heely, Ph.C., Alford, and he was subsequently assistant with Mr. E. W. Bowskill, chemist and druggist, Grimsby, till enlistment.

LIEUTENANT PARKES, only son of Mr. G. J. R. Parkes, chemist and druggist (representing The British Drug Houses, Ltd.), is in hospital in France suffering from the inhalation of poison gas. Lieutenant Parkes has been previously wounded.

LIEUTENANT FRED DICKINSON, Manchester Regiment, is in hospital in France, severely wounded. Lieutenant Dickinson, who served his apprenticeship with Mr. John Laurie, chemist and druggist, Lytham Road, Blackpool, joined the Forces in April 1915.

SECOND-LIEUTENANT F. J. KNOWLES, who has recently received his commission, served his apprenticeship with Mr. E. S. Peck, Ph.C., Cambridge, and was afterwards an assistant with Mr. W. Aston, Ph.C., Worthing. On the outbreak of war he joined the R.A.M.C.

DR. PETER MACARTHUR, third son of Dr. Peter Macarthur, who was formerly dispensary medical officer at Grey Abbey, and who has been appointed a temporary surgeon in the Royal Navy, served his apprenticeship with Mr. Wm. Hanna, Ph.C., Bangor, Ireland. After having taken the Pharmaceutical Assistant examination he proceeded to Queen's University, Belfast, where he qualified M.B., B.Ch., early this year.

Miscellaneous.

COCOA IMPORT RESTRICTIONS.—The Secretary of the London Chamber of Commerce is informed that the Board of Trade do not at present intend to vary the existing restrictions on the importation of cocoa into the United Kingdom.

PRICES FOR COMPOUND FERTILISERS.—The Minister of Munitions has fixed as from October 17 the maximum prices for compound fertilisers, the terms given in the "London Gazette," October 16, being arranged according to the aggregate value of the nitrogen, phosphate, and potash contained in the fertiliser.

ENEMY PATENTS AND TRADE-MARKS.—Licences have been granted to A. Smith, Excelsior Works, Clayton, Manchester, to use four patents for the vulcanisation of caoutchouc belonging to the Farbenfabriken vormals F. Bayer & Co., or vested in the Public Trustee. (See *C. & D.*, September 23, 1916, p. 35.) Applications for licences from J. S. Highfield, A. A. C. Swinton, and P. D. Tuckett are to be heard on October 26 in connection with thirty-four patents dealing with the manufacture of colloidal substances, etc. Levinstein, Ltd., have been granted permission to use the novocaine trade-mark (276477); May & Baker, Ltd., the use of adalin trade-mark (325352); Levinstein, Ltd., and Boot's Pure Drug Co., Ltd., the use of the trypanflavin trade-mark (327437). The following trade-marks have been avoided: 82317, 82407, 307559 ("Rhodamine").

Military Tribunals' Decisions.

SINCE OUR LAST ISSUE the following decisions have been notified:

ASHFORD.—On appeal by the military authority, the conditional exemption held by Mr. J. A. W. Rawbon, assistant with Boots, Ltd., has been varied to two months.

BATTERSEA.—At the suggestion of the Chairman of the Tribunal, the appeal of Mr. Arscott, manager of a chemical works, was withdrawn, with leave to renew within seven days of receiving notice to join the Colours.

BEXHILL.—Mr. W. E. Scholefield, chemist and druggist, whose claim was supported by the Insurance Commissioners, was granted six months' exemption conditionally on joining the Volunteers.

DUNDEE.—Conditional exemption was granted to Mr. J. S. Houliston, chemist and druggist, Lochee.

EAST GRINSTEAD.—Mr. Percy George Dixon, chemist and druggist (W. H. Dixon & Sons), was granted six months' further exemption on condition that he remained an efficient Volunteer. A similar exemption and condition were given in the case of Mr. T. J. Charlwood, dispenser with H. S. Martin, Ltd.

MAIDSTONE.—The appeal of Mr. J. S. Cheetham, chemist and druggist, assistant with Mr. F. J. Oliver, chemist and druggist, Maidstone, was further adjourned for three months.

SHEFFIELD.—Exemption to March 31 has been granted to Mr. W. E. Heaton, Ph.C.

SOUTHWARK.—Six months' exemption was granted to a surgical-instrument maker in the employ of Mr. H. Colwell, Newington Causeway, S.E.

STRATFORD-ON-AVON.—Three months' exemption was granted to Mr. J. L. Miller, assistant with Mr. F. D. Spencer, chemist and druggist (see *C. & D.*, October 13, p. 34).

Private Arrangement.

A MEETING of the creditors of Mr. W. J. Sutcliffe, chemist and druggist, 3 St. James Street, Bacup, was held on October 9 at Haslingden, when Mr. Parkin S. Booth, of Liverpool, representing a large body of creditors, was elected to the chair. According to the statement of affairs prepared the liabilities amount to 1,945*l.* 18*s.* 9*d.*, and the assets were estimated to produce 275*l.* 15*s.* 7*d.*, after allowing 150*l.* for the claims of preferential creditors, the estate disclosing a deficiency of 1,670*l.* 3*s.* 2*d.* It was reported that the debtor took over the business in 1903 without any capital. He purchased the concern for 250*l.*, that money being loaned to him by Wright & Co. The debtor had not kept books which would enable an accountant to get out an account, consequently there was no deficiency account to place before the meeting. No offer was submitted, and it was eventually resolved that if the cash creditors withdrew their claims the deed of assignment be confirmed (see *C. & D.*, October 13, p. 39).

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

The late Sir Edward Evans.

The funeral of the late Sir Edward Evans took place on Saturday afternoon, October 13, at the Parish Church, Lower Bebington, Cheshire, a large gathering of mourners being present, among them being:

Lady Evans (widow), Mr. J. N. Evans (son), Miss Evans, Miss R. Evans, and Mrs. Thorne (daughters), Mrs. E. N. Evans and Mrs. J. N. Evans (daughters-in-law), Mr. W. P. Evans and Mr. A. E. Evans (brothers), Miss Evans (sister), Mrs. A. E. Evans and Mrs. Shepard (nieces), Rev. R. Evan-Jones (brother-in-law), Mr. J. H. E. Evans, Mr. W. E. Evans, and Lieut. Ernest V. Evans (nephews), Mrs. J. H. E. Evans, Mr. K. W. E. Evans, Mr. E. A. Webb (London), and Mr. T. E. Lescher (London) (cousins), Mr. and Mrs. Tom Henry, Mrs. Godfrey Castle (niece), and the Rev. J. M. Fergusson (nephew).

The staff of Messrs. Evans Sons Lescher & Webb, Ltd., was represented by Messrs. J. Shacklady, C. F. Malvern, L. J. Prinney, W. Wellings, J. McCaig, W. H. Nall, C. E. J. Sendall, W. H. Millhouse, R. W. Manley, E. B. Davies, A. L. Rogers, J. J. Wicks, M. C. Greening, A. J. Povey, J. Ellison, P. S. Robbins, F. M. Dobson, T. H. Critchley, G. Brinson, W. Brinson, G. S. Kelly, J. W. Wright, W. Harper, H. V. Lloyd, T. L. Boulton, S. White-Crawford, E. H. Johnson, C. W. Dobson, P. W. Burr, S. J. Banks, F. Scrivener, and C. W. Dairymple. Others present included Lord Leverhulme, The Hon. W. Hulme Lever, Sir Benjamin S. Johnson, Sir W. B. Forwood, Sir Charles Petrie, Colonel J. Crean, Colonel S. F. Pilkington, Major W. Denton, Sir J. Hope Simpson, Sir Dudley Stewart Smith, Captain H. W. Broadbent, R.N.R., Major D. A. S. Nesbitt, and Messrs. J. Harrison Jones (representing the Lord Mayor of Liverpool), L. Moreton Parry (representing the Pharmaceutical Society of Great Britain), H. Humphreys Jones (British Pharmaceutical Conference), J. Sturge (Birmingham), W. H. Clubb (Liverpool Chemists' Association), T. Stephen Jones (Birkenhead), F. C. Cooling, J. Jones (Liverpool Chemists' Association), J. M. Tallantyre, F. W. Moore, W. H. Saunders, Hy. Peet, G. H. Burroughs, H. G. Fosbrooke, and many representatives of political and commercial life.

A memorial service was held on October 14 at the Rock Ferry Presbyterian Church, when the Rev. J. D. Dowie paid an eloquent tribute to the memory of Sir Edward Evans, in the course of which he said: "Until struck down by heart-trouble, Sir Edward was blithe, eager, vital, and full of zest, and although he recovered sufficiently well to attend business, the death of his brother, the late Alderman Evans, was a shattering blow to him, and he was never the same after. Into two main channels were his activities directed—business and public life. Commerce might be degrading until it became a mere scramble for wealth and all the aims of the higher life were swallowed up by selfishness, rivalry, and enmity. But it was not so with Sir Edward. There was no deterioration of his character, no subduing of the finer impulses of his nature, and no stupefying of his higher intellectual faculties. 'I have purpose in my heart that I shall not defile myself.' That was Sir Edward. Into public life he threw his power, and became one of Liverpool's most distinguished citizens. . . . Sir Edward was a public soul who felt the imperative call to labour for the State, and it was a fine tribute to the fairness with which he fought that from his political opponents came the warmest expressions of appreciation."

Lady Evans and family and Evans Sons Lescher & Webb, Ltd., desire to thank the numerous friends who have written to express their sympathy on the death of Sir Edward Evans.

Contracts.

The following contracts have been accepted by the Boards of Guardians or other public bodies named:

Alyersto.—Bovril, Ltd., invalid bovril: Oxo, Ltd., hospital oxo; McDougall Bros., Ltd., disinfectant.

Bridgnorth.—Callant & Perkins, carbolic soap; McDougall Bros., Ltd., soft soap.

Croydon.—McDougall Bros., Ltd., and Middleton Bros., soap.

Derby.—Davies, Sons & Co., Bridge Street, drugs, etc.

Fareham.—Oxo, Ltd., meat extract.

Isle of Thanet.—Mr. W. Howard, disinfectants and bovril.

Manchester City Council.—Mottershead & Co., drugs and sundries to hospitals; Liverpool Lint Co., surgical dressings to hospitals.

Marplebone.—Corbyn, Stacey & Co., Ltd., drugs; May, Roberts & Co., Ltd., druggists' sundries; J. G. Ingram & Sons, waterproof sheeting.

Metropolitan Asylums Board.—The British Drug Houses, Ltd., drugs; B. Pratt & Co., and Sangers, dressings; Waters & Co., Ltd., methylated spirit.

Newport.—Ferris & Co., Ltd., Bristol, drugs.
 Paddington.—D. & W. Gibbs, Ltd., carbolic soap; John Knight, Ltd., terebene.

Sheffield.—The "Sanitas" Co., Ltd., carbolic soap; McDougall Bros., Ltd., pine powder; Credland & Sons, turps and linseed oil; J. Gilbert Jackson, Ltd., chemists, Abbeydale Road, x-ray plates, etc.

Southend-on-Sea Town Council.—Mr. F. Ingram Johnson, chemist and druggist, Park Street, drugs and druggists' sundries for sanatorium.

Southwark.—The British Drug Houses, Ltd., drugs.

Windsor.—The "Sanitas" Co., Ltd., soap.

Birmingham.

Mr. F. Hardy, surgical-appliance manufacturer, has removed to 33 Summer Row, Birmingham.

Captain E. C. Bennison, R.A.M.C., was presented to H.R.H. the Duke of Connaught on his recent visit to Birmingham.

Among recent contributors to the Lady Mayoress' Prisoners of War Fund are Alderman F. C. Clayton, Ph.C., Mr. T. T. Coslett, Mr. Gilbert Southall, and Mr. W. A. Albright.

A correspondent in the "Birmingham Post" suggests the foundation of research scholarships as memorials to those fallen in the war.

The chief city retailers have agreed to continue their seven-o'clock closing, and it is understood that the suburban shops will join in the movement.

The Birmingham Chemists' Field Ambulance furnished four stretcher squads for duty at the review of Volunteers by H.R.H. the Duke of Connaught on October 14.

The local Section of the Society of Chemical Industry announces five meetings for the coming session. Dr. Morell (Mander Bros., Wolverhampton) is the Chairman.

Dr. J. S. B. Elliott, the wife of Mr. W. T. Elliott, a pharmacist now in practice as a dentist, has recently lectured on "Diseases of Potatoes and Other Vegetables."

Mr. John Hodge, Minister of Pensions, speaking at Birmingham recently, said that he hoped soon to announce a scheme for re-starting owners of small businesses who had lost the labour of years through joining the Colours.

Bags, supposed to contain quicksilver and some kind of cream, have been selling at 3s. each to Midlands munition-workers for use as charms. "Pure table salt" is the only ingredient so far discovered in their contents.

Much dissatisfaction is felt concerning the allotment of sugar, which is to be doled out in fractional parts of the quantities asked for and held back till next January. As for S.V.M., the unhappy pharmacist pays his licence in advance, and then finds that he cannot sell the spirit—nor even the licence!

At an adjourned meeting of the Birmingham Chemists' Field Ambulance, Lieutenant-Colonel J. T. J. Morrison in the chair, Mr. Harold Rayne gave a personal explanation of the circumstances connected with its formation, and with his resignation of the adjutancy, and was accorded a unanimous vote of thanks for his services.

At Birmingham Police Court, on October 12, James Stockholme, Kirby Road, Winslow Green, and Bertie Parnaby, Gillott Road, packers in the employ of Southall Bros. & Barclay, Ltd., were convicted of stealing from the firm drugs valued at 21l. Parnaby was sent to prison for two months, and Stockholme was fined 10l.

"Medico," of the "Birmingham Weekly Post," states that "lock salmon" is in Sheffield syrup of tolu and in Hull oxymel of squill. "Red lock salmon," according to the same authority, is syr. rhacados. [Several correspondents contributed to a discussion of this appellation in the C. & D., 1906, and the facts elicited are summarised in "Pharmaceutical Formulas."—ED.]

Harrogate.

The pharmacists of Harrogate seem to have been moved with one accord. Out of twelve shops near together ten had the pretty gold and cream window show of Sanatogen. Indiarubber hot-water bottles and, in two or three shops, Ucal goods are very prominent.

Mr. A. W. Wood, Past President of the Harrogate Pharmaceutical Association, has been made President of the Harrogate Literary Society. For many years he has acted as Hon. Treasurer, and now he and the craft have been honoured by his appointment to the higher office. The Society is one of the largest of the kind in the country, and has existed for nearly fifty years.

The programme of the Pharmaceutical Association is well on the way to completion. The first meeting will be on Thursday, November 15, when Mr. Harner, the new President, will deliver his presidential address. One of the

most interesting events of the session will be a tour over the bathing establishments owned by the Corporation. The manager of the baths, Mr. Broome, will conduct the party!

Liverpool.

Dr. James Pearson is again stepping into the breach at Bootle by accepting nomination to the Mayoralty for the third time.

The flag at the Liverpool Reform Club was lowered to half mast as a tribute to the late Sir Edward Evans, who was an ex-Chairman.

The Pharmacists' Corps, having qualified for ambulance work, have offered their services to thirty-two military or semi-military hospitals in the Liverpool district.

Owing largely to increase of panel prescriptions, Mr. Lomax (Edge Lane) has added a room from his house to the dispensing department. A medical neighbour has had to undertake three practices.

Dr. E. W. Hope, Medical Officer of Health for Liverpool, has been awarded the gold medal of the Royal Institute of Public Health for "conspicuous services rendered to the cause of preventive medicine."

Those who attended the recent social evening of the Liverpool Chemists' Association made the welcome discovery of a young vocalist, who for the present wishes to remain anonymous. It must suffice to say that she is the daughter of an Isle of Man pharmacist, and that her rich voice presages a brilliant future.

Manchester.

The news of the death of Sir Edward Evans was received with expressions of the deepest regret by pharmacists in Manchester, where his genial personality was well known.

Mr. S. W. Drinkwater, son of Mr. J. W. Drinkwater, pharmacist, Ashton New Road, who recently passed the first examination for Bachelor of Medicine, is now at Trinity College, Cambridge.

Mr. W. H. Veno, chairman of the Veno Drug Co., Ltd., offers 1,000l. to any war charity nominated by the first airman or air squadron to attack Berlin, the regulations not permitting of a reward being offered to any member of the Forces for the execution of his duty.

Professor Arthur Green, F.R.S., Manchester School of Technology, has expressed in an interview his full agreement with the strictures of Professor Pope on the Government attitude to chemical industries (see C. & D., October 13, p. 36), and added that one of the first requirements is a large State grant to cover the cost of the research necessary (e.g., in the dyestuff-industry) to enable us to overtake the accumulated knowledge of the Germans. That industry should be enabled to establish itself before the return of normal times, as the world's stocks of pre-war dyes are nearly exhausted.

Sheffield.

In view of the apparent uneasiness in the minds of the Insurance Committee at having to pay for rectified liniments, chemists would be well advised not to carry too large a stock of them.

Medical men are being supported by the Insurance Committee in their protest against the Commissioners' credit, on the ground that the deductions from the list of insured persons are not justified.

Mr. Lester, chemist and druggist, manager of Clark & Co., West Street, has brought out a new disinfectant, to which has been given the name of "Lestrol." Mr. Lester was apprenticed to the late Mr. John Clark.

Miscellaneous.

LENS-WORKERS.—A new and urgent call for women lens-makers is being made by the Ministry of Munitions.

THE ROYAL PHOTOGRAPHIC SOCIETY is holding its annual photographic exhibition this year in the Society's own house at 35 Russell Square, London, W.C. Admission is free.

INNOCENTS ABROAD.—Members of the Harwich Food Control Committee raised their eyebrows at a recent meeting on receiving applications from chemists for sugar. One pundit inquired if its destination was a soap-and-sugar plaster.

WORKERS' WAGES.—The minimum rates of wages for male and female workers in the tin-box and canister trade, and the sugar, confectionery, and food-preserving trade, have been varied by the Trade Boards. The new rates take effect from October 8 and 6 respectively.

LOCAL PURCHASES.—The Food Controller states that in connection with a new transport scheme local Committees are to be set up, and the operations of these Committees will be facilitated if the public will confine their retail purchases to an area within a reasonable distance of their homes.

POISON-LICENCES.—The Winchester City Council has granted licences for the sale of agricultural and horticultural poisons to Mr. A. R. Hillier, 95 High Street, and Mr. E. Stenlake, of the same address.—A similar licence has been granted by the Boston Town Council to Mr. H. S. Cheesewright.

HERBS AND PROPRIETARIES COMMENDED.—During a recent discussion of the Newport Trades Council on a British Herbalists' Association, a delegate remarked that he had derived great benefit from proprietary medicines, and another added that if only people knew the value of common herbs their use would be much extended.

STRAWBOARD-SUPPLIES.—A meeting of the Owners of Proprietary Articles Section of the London Chamber of Commerce was held on October 16 to consider a request from the Royal Commission on Paper regarding steps to be taken to discontinue cartons and showcards (see *C. & D.*, August 25, p. 35). The meeting decided to ask for an extension of time, and promised to effect a substantial reduction in all the uses of paper in connection with proprietary articles.

SALE OF CACHOUS.—Employés of the Aerated Bread Co. were summoned at Willesden on October 12 for breach of the Sugar (Confectionery) Order by selling sweets at a price exceeding that fixed by the Order. On their behalf it was argued that these were cachous, and were not sweets within the meaning of the Order. The matter was adjourned for the view of the Food Controller to be obtained. [It will be remembered that as regards the sale of cachous by chemists a ruling of the Food Controller was obtained that cachous are not sweetmeats within the meaning of the Order. *C. & D.*, February 10, 1917, p. 43.]

MORE "BREAD-IMPROVERS."—In a report by the Leeds city analyst (Mr. T. Fairley) it is stated that samples of seven different forms of "bread-improver" have been analysed during the past quarter. One was simply rice starch; three contained magnesium sulphate, and of these one, which was directed to be used for 7 lb. of flour, contained 524 grains. Mr. Fairley estimates that the quantity of bread in the resultant batch would contain about seventeen minimum B.P. doses of Epson salt. The remainder of the samples contained calcium sulphate, and one also contained arsenic compounds equivalent to 12 parts of arsenious oxide per million. The report warns the public against the use of this class of goods (see *C. & D.*, August 11, p. 36).

PROPHYLAXIS IN VENEREAL DISEASE.—The question of the artificial prophylaxis of venereal disease has been discussed recently by the National Council for Combating Venereal Diseases, and the following resolution passed for submission to the National Council by the Executive Committee of that body:

"In view of the public attention now directed to the whole subject of prophylaxis, the Executive Committee, after careful consideration, is not prepared to depart from its original position, in which, in accordance with the spirit of the Royal Commission's Report, it refrained from recommending the adoption of prophylaxis—i.e., the provision of outfits to men before sexual indulgence. The Committee strongly urge the importance of the making of arrangements for the early treatment of venereal disease even before the onset of symptoms."

POISONINGS.—The following cases of poisoning have been reported during the past week: At Hove, a verdict of "Death from misadventure" was returned at an inquest on Mr. Nissim David Ezekiel, aged fifty-nine, who was found dead in bed. On a card in his handwriting by the bedside were instructions to tell his medical man, in the event of too much medicine having been taken, to employ the antidote for hydrocyanic acid. A medical witness stated that death was due to poisoning, and he believed that hydrocyanic acid was present in the medicine taken.—William McLean, market gardener, Dundee, died after taking poison intended for crows in place of a tonic.—At Halifax, an infant seven weeks old died from an overdose of infants' cordial containing opium, administered by its mother without reading the label.

THEFT CHARGES.—At Old Street Police Court, London, E.C., on October 12, James Ewin, earman, 20 Voss Street, Bethnal Green, was charged with stealing a horse, van, harness, and five cases of whisky, value 175*l.*, the property of C. R. Harker, Stagg & Morgan, Ltd., Devon Wharf. E. Evidence was given to the effect that the cases of whisky were found in the prisoner's house some two hours after their loss, and that one had been opened. A remand was ordered.—At the same court, Louis Katt, pickle-manufacturer, 57 Whiston Street, Haggerston, E., was remanded on bail on a charge of stealing and receiving a carboy of acetic acid, valued at 5*l.*, the property of some person unknown.—At Stratford, Robert Thomas Webb, a toolmaker, West End Avenue, Leytonstone, was sentenced to a month's hard labour for stealing two cameras, value 8*l.* 2*s.* 6*d.*, from the Houghton-Butcher Manufacturing Co., Ltd., who, it was stated, had been employing him at about 5*l.* a week.

Irish News.

Brevities.

Mr. Alfred W. Gray has opened a drug-business in Ogle Street, Armagh.

The sugar-sale restrictions will soon be in force in Ireland, and it is authoritatively stated that a card system will be introduced on January 1, 1918.

Mr. John Leavy, R.D., The Medical Hall, Patrick Street, Mountmellick, obtained a prize in the July window-dressing competition organised by Ayrton, Saunders & Co., Ltd., Liverpool.

Boileau & Boyd, Ltd., 46 Mary Street, Dublin, were fined 5*l.* in the Dublin Police Court on October 12 for having sold 8 gals. of petrol to the M.G.W. Railway Co. on an unendorsed licence.

Miss Violet K. Wilson, who obtained first place with honours at the recent Preliminary examination of the Pharmaceutical Society of Ireland, is the only daughter of Mr. S. Wilson, J.P., Ph.C., Medical Hall, Longford.

The Donegal District Council have passed a resolution requesting the County Council and the Department of Agriculture to have all sheep dips analysed, as they are of opinion that the dips are not up to the standard of twenty years ago.

At the annual meeting on October 12 of the Royal Academy of Medicine, Dublin, Dr. R. M. Brontë, Ph.C., and Dr. James S. Ashe, Ph.C., were elected members of the Council of the Pathological and Obstetrical Sections respectively.

The Pembroke Urban Council propose to make a closing order in respect of the retail business of pharmaceutical chemist, apothecary, druggist, etc., fixing the hours of closing from Monday to Friday inclusive at 9 p.m., and on Saturdays at 10 p.m.

The early-closing order for chemists' shops was to have been finally considered at last meeting of the Cork Corporation, but was again postponed. Mr. P. J. Fielding, Ph.C., Patrick Street, had a letter before the meeting pointing out his objections to the order. The return recently taken shows that there are twenty-one in favour of the order and one against.

Dr. John Thomas D. Crinion, 42 Waterloo Road, Dublin, who for a number of years was dispensary medical officer at the North Clarence Street Dispensary, Dublin, from which he has retired, has been appointed by the Local Government Board for Ireland in succession to the late Mr. J. E. Brunker, who was advising chemist to the Board. The duties are concerned with the supervision of the contracts for drugs and medical and surgical appliances, and have hitherto been discharged by a pharmacist.

Scottish News.

Dundee Pharmacist's Munificent Gift.

An important addition to the art treasures of Dundee was announced at a recent meeting of its Free Library Committee. Mr. R. M. Lindsay, Albert Street, pharmacist and art collector, has generously given to the city the following pictures: "The Turlum Stag" and "Thistles and Butterfly," by Edwin Alexander, A.R.S.A.; "Out of Reach" and "A Black Panther," by William Walls, R.S.A. Some of these paintings have been exhibited at the Royal Academy, London, and elsewhere, and have been highly praised.

Brevities.

Mid-Lothian County Council has decided to spend 300*l.* on the extermination of rats.

Mr. Alexander Fraser, chemist and druggist, Hope Street, Bo'ness, has been made a sergeant in the local Volunteers.

The Edinburgh Field Naturalists, in two recent excursions, have collected specimens of about seventy species of fungi. Among these are the "Jew's ear" and the "beefsteak" fungus.

Specimens of medicinal and dye plants, edible seaweeds, and fungi, all native to the island of Butc, are being shown at a Food Economy Exhibition in the Marine Laboratory, Rothsay.

In many districts retailers of methylated spirit have increased the price to 2*s.* for a reputed pint. Olive oil and castor oil are both 3*d.* per oz., crushed linseed is 10*d.* per lb., and tinctures are 1*d.* per drachm.

The ex-Provost of Cupar has suggested to the local Customs authorities that numerous retailers holding methylated spirit, the sale of which has been suddenly prohibited, might be allowed to dispose of it to chemists for use in medicinal preparations.

The vouchers for the current six months' supply of sugar are issued subject to the condition that no sugar will be allotted at any other time than during the month mentioned on each voucher. A record of quantities received and used must be kept.

An East Coast pharmacist who was rung up very early one Sunday morning by a naval man for camel-hair brushes was inclined to be wroth; but a happy smile lighted up his face when the "middy" informed him that the purpose in view was the re-marking of a captured enemy ship.

Edinburgh.

Edinburgh police are active in connection with breaches of the Shops Closing Order at present.

Jaconet, which has appeared lately on several panel scripts, is disallowed by the N.H.I. Commissioners.

Councillor George Coull, D.Sc., Ph.C., presided over a lecture under the auspices of the Edinburgh, Leith, and District Branch of Commercial Travellers on October 13.

The Panel Bureau for N.H.I. patients in East Edinburgh will presently be discontinued. One or two of the district doctors who were on active service have now returned to civil life.

At the half-yearly Edinburgh Licensing Court on October 16, John T. Coats & Co., chemists, Broughton Street, applied for a grocer's wine-licence. It was explained to the Court that medicated wines could be sold without a licence only as a constituent part of a prescription. The Court held that, if a grocer's licence were granted, the applicants would have to submit to the usual restrictions as to hours for sale, etc. The application was withdrawn.

Glasgow.

The Lord Provost is asking for further subscriptions in aid of the Ramsay Memorial Research Scholarships.

Damage estimated at 300*l.* was caused by a recent fire at the works of Isdale & McCallum, soap manufacturers, Paisley.

Insect-pests and plant-diseases are among the subjects of the forthcoming series of evening lectures at the Glasgow and West of Scotland Agricultural College.

In a letter to the "Daily Record," a correspondent remarks that she thought that only publicans, milk-dealers, and druggists charged for water, but now finds that the practice has extended to margarine—"to keep it from running away."

"The Chemists' Title," recently examined in a series of C. & D. editorials, is engaging the attention of the local Press. Having regard to the growing number of goods cut out of retail stocks without a word about compensation, the new title might well be "Chemist and martyr."

A correspondence on the recently enhanced doctors' charges is appearing in the "Daily Record." In reply to a contention that the rise is unwarrantable, "Satirer" states that medical men have to pay 9*l.* to 10*l.* a week for help, and chemists, if they can get a qualified assistant, find that he costs 5*l.* a week or more.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Derbyshire.—At the meeting of the Insurance Committee on October 15, it was ordered, on the recommendation of the Joint Services Sub-Committee, that deductions amounting in the aggregate to 454*l.* 10*s.*, and varying in individual cases from 150*l.* to 1*l.*, should be made from the accounts of twenty-one panel doctors in respect of excessive prescribing during 1914. The Chairman and other members repudiated a suggestion that the Committee were thus penalising the doctors for studying the interests of their patients. Mr. C. W. Ridyard, the chemists' representative, agreed, and added that it was incorrect to say that the doctors were restricted in prescribing, inasmuch as there was no limit on the Drug Fund. The Committee resolved to apply to the Insurance Commissioners for authority to pay for prescriptions in which special serums were included, it being understood that consent to their inclusion would first be obtained in cases which were not of an urgent nature.

Hampshire.—The Pharmaceutical Committee met on October 11 at the offices of the Insurance Committee, Winchester, Mr. S. G. Bartlett (Chairman) presiding. The Secretary reported that satisfactory arrangements had been made regarding the provision of serums, vaccines, and oxygen, and that chemists could now dispense these articles on Insurance prescriptions. The financial report of the Local Associations' Executive Committee was read and approved. The report of the representatives at the district meeting was received, the Chairman pointing out that the decisions arrived at by that meeting and the London conference were in accord with those of the Committee. The report of the Central Checking Bureau on the March and April prescriptions was read, and the Secretary was instructed to forward the individual reports to the chemists concerned. A discussion took place on the Inquiry Section of the Central Checking Bureau, and it was decided to accept the offer of the Executive Committee, P.S. 44, relating to rural areas, was read, and the representatives were instructed to take action as needed.

London.—At the last meeting of the Panel Committee it was reported that the final settlement for 1916 shows that the amount of money available in the Drug Fund for that year, after deducting the amounts due to chemists and to practitioners under Article 5, left a balance of just over 11,000*l.* available for transfer to the Practitioners' Fund for inclusion in the final settlement. This sum represents approximately 2*d.* out of the "floating sixpence," and is regarded as the result of the Committee's campaign for the economical use of the Drug Tariff. It is the first time this transference has been effected, and the amount more than covers the whole of the administrative expenses of the Committee to date.

Sheffield.—At a specially convened meeting of the Insurance Committee it was decided "That, being in general agreement with the principles set forth in the proposed Bill for the Establishment of a Ministry of Health, the Committee adopt the same with the view of securing unity of purpose and the early establishment of a Ministry of Health."

Skipton.—At a quarterly meeting of the Insurance Committee it was stated that, following complaints respecting the drugs supplied to patients at Barnoldswick, the Clerk had forwarded to Wakefield two samples for analysis, but no reply had as yet been received. It was also decided to write the authorities with a view of obtaining separate accommodation for children suffering from tuberculosis.

Smethwick.—At the meeting of the Insurance Committee on October 2, the Finance and General Purposes Sub-Committee reported that the Chester Insurance Committee is withdrawing from the Pricing Bureau agreement, and is to join the Cheshire County Bureau at Liverpool. Payments of chemists' accounts have been made for June and July to the amount of 131*l.* 1*s.* 6*d.*, and for July and August 115*l.* 16*s.* 7*d.* The Medical Benefit Sub-Committee reported on the arrangements for the treatment of invalided sailors and soldiers. Patients are to obtain medicine from panel chemists in the usual manner, and it will be unnecessary specially to mark the prescription-form; while with regard to the supply of medicines by institutions it is recommended that a flat rate of 5.52*d.* per prescription be paid for such—i.e., the average cost as shown by the statistical data for 1916. An application was received from the Pharmaceutical Committee for 12*l.* to defray administrative expenses for 1917, and this amount will be deducted *pro rata* from chemists' accounts.

SCOTLAND.

Forfarshire.—The Insurance Committee met on October 13, when it was reported that there was only one doctor in Montrose for between 3,000 and 4,000 insured persons, two of the original four practitioners having gone on military service, while another had broken down in health. It was decided to call the attention of the Scottish Insurance Commissioners to the critical state of affairs. The following figures were submitted as the cost of medical supplies in Forfarshire: For April, 110*l.* 1*s.* 9*d.*; May, 81*l.* 8*s.* 6*d.*; June, 74*l.* 18*s.* 3*d.*; July, 93*l.* 7*s.* 9*d.*

WALES.

Newport.—At the meeting of the Insurance Committee on October 17, it was announced that the Medical Benefit Committee had considered the report of the Cardiff Committee on the character and amount of the drugs and appliances ordered by panel practitioners during 1916, and had found that where the prescriptions exceeded 6*d.* per quarter per insured person on the doctors' lists this had been caused by the medical men attending the patients of other doctors who were absent on military service, thus inflating the cost of the prescriptions properly chargeable to themselves. The explanation was considered satisfactory.

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Birth.

HEYWOOD.—At the Cedars, Ashton, Preston, on October 7, the wife of Sidney Heywood, dispensing chemist, Bury, of a son.

Marriages.

CLARKE—BEAL.—At Manchester Cathedral, on October 10, by the Rev. J. J. Scott, M.A., Canon and Sub-Dean of the Cathedral, assisted by the Rev. W. A. Renwick, M.A., and the Rev. B. C. Cann, M.A., the Rev. Ernest Bradshaw Clarke, curate of St. Andrew's, Manchester, to Dorothy, only daughter of Mr. Johnson Beal, pharmacist, and Mrs. Beal, Rochdale Road, Manchester.

POWELL—WOOD.—At All Saints', Margaret Street, London, W., on October 16, Sir Richard Douglas Powell, Bart., K.C.V.O., M.D., LL.D., D.Sc., to Edith Mary Burke, younger daughter of the late Mr. and Mrs. Wood, of Cleveland Square, and granddaughter of the late Dr. Charles Burney, Archdeacon of St. Albans.

Deaths.

BLUNT.—On October 7, Mr. Leonard Blunt, for some years dispenser with Anderson & Virgo, The Foregate, Worcester.

DOBLE.—At 4 Woburn Terrace, Tavistock, on October 12, Leila Mary, wife of Mr. R. D. Doble, pharmacist, aged fifty-one.

DOBSON.—At High Street, Skipton, on October 15, Mr. Thomas Henry Dobson, chemist and druggist, aged sixty-nine. Mr. Dobson, who was in business in the town for many years, passed away suddenly in his chair after returning from a visit to the Liberal Club.

ELEY.—At 8 Holme Road, Matlock Bath, on October 13, Mr. Horbert Eley, chemist and druggist, for twenty-five years dispenser at the Workhouse Infirmary, Dudley Road, Birmingham.

HARRISON.—At 40 Harcourt Terrace, Salisbury, on October 4, Mr. Frederick Joseph Harrison, chemist and druggist, aged fifty-three. Mr. Harrison succeeded his father in the businesses at Fisherton Street and London Road. He was recently elected Chairman of the Wiltshire Pharmacists' Association, and was a member of the Salisbury City Council and of other public bodies.

O'DEA.—At 34 Fierrepont Road, West Bridgford, on September 23, Mr. John O'Dea, chemist and druggist, aged forty-four.

RITSON.—At Carlisle, on October 13, Mr. Fletcher Ritson, chemist and druggist. Mr. Ritson was in business in Carlisle for thirty years, and was Vice-Chairman of the local Chemists' Association. He also held office on the City Council and other public bodies.

Died on Service.

BOWMAN.—Flight Sub-Lieutenant Geoffrey G. Bowman, R.N.A.S., is officially reported killed, aged nineteen. Educated at Southcliffe, Filey, and Repton, Lieutenant Bowman was an exceptionally good rifle shot, and took part in the Public Schools shooting competitions. He was the second son of Mr. W. P. Bowman, proprietor of Goodall, Backhouse & Co., Leeds, whose eldest son, Lieutenant W. Powell Bowman, R.F.C., was killed last year in an air fight.

BRADDOCK.—Private Charles Robert Braddock, King's Royal Rifle Corps, died in hospital in France on October 8 of wounds received in action, aged thirty-four. Private Braddock was apprenticed to the late Mr. S. B. White, chemist and druggist, Birmingham, and subsequently joined the advertising staff of Burroughs Wellcome & Co., where he remained till he entered the Army.

DANIEL.—Corporal Charles Bradford Daniel, Royal Fusiliers (City of London), died in France on September 23, of wounds received in action, aged twenty-three. He was the youngest son of Mr. George Daniel, chemist and druggist, High Road, Wood Green, London, N.

FAIRWEATHER.—Private Wallace Ritchie Fairweather, Seaforth Highlanders, has been killed in action, aged twenty. Prior to enlistment he was with Mr. L. P. Michie, chemist and druggist, Perth Road, Dundee.

KING.—Second-Lieutenant Herbert King was killed in action on October 6. Lieutenant King was a Master of Science and Analyst for Scarborough.

MCLENNAN.—Private Donald John McLennan, Argyll and Sutherland Highlanders, has died of wounds. In civil life he was an assistant with Mr. R. Nicholl, chemist and druggist, Roseneath Street, Edinburgh.

Personalities.

THE new Master of the Society of Apothecaries is Dr. Charles Sangster, who took the L.S.A. in 1867.

MR. PAUL MORTIMER FRANKE has been appointed Registrar in Bankruptcy in place of Mr. Registrar Brougham, resigned.

MR. WILLIAM WOOLLEY, J.P., manufacturing chemist, Blackburn, has been elected a member of the Blackburn War Aims Committee.

MR. WILLIAM THOMAS, manufacturing chemist, St. Augustine's, Keynsham, has been appointed a Justice of the Peace for the county of Somerset.

MR. THOMAS HAMNETT, chemist and druggist, 33 South Street, Waterloo, has been co-opted a member of the Waterloo-with-Seaforth Urban Council.

MR. GEORGE BISLEY, chemist and druggist, has been selected from among thirty-four applicants as dispenser to the Bermondsey Board of Guardians for the duration of the war.

LIEUTENANT-COLONEL ALFRED CHARLES PRESTON, V.D., was referred to last week (p. 41) as *senior* partner of Thomas Hodgkinson, Prestons & King. That position is, however, occupied by Mr. Herbert Edmund King.

MR. CHARLES CRITCHLEY, son of Mr. C. A. Critchley, Ph.C., Blackburn (Vice-President of the North-East Lancashire Chemists' Association), underwent an operation recently; he is said to be progressing favourably.

WOR. BRO. J. COLLETT SMITH, a departmental manager of Burroughs Wellcome & Co., was presented at the last meeting of the "Eastes" Lodge with a silver salver bearing an inscription in appreciation of his services as Secretary. Mr. Collett Smith has been a member of the Lodge for over twenty-one years, and has filled several Masonic offices.

THE "British Medical Journal" points out that two of the most responsible posts in the Government are held by former teachers of anatomy. Dr. Christopher Addison, Minister of Reconstruction, was Professor of Anatomy at Sheffield and afterwards Lecturer in Anatomy at Charing Cross and St. Bartholomew's Hospitals in London. Sir Auckland Campbell Geddes, Minister of National Service, was Professor of Anatomy in McGill University, Montreal, at the outbreak of war.

THE FOLLOWING CHEMISTS have been appointed Justices for their respective boroughs to exercise the powers conferred by the Lunacy and Mental Deficiency Acts: Messrs. A. S. Campkin, Cambridge; R. Sturton, Cambridge; W. J. Barnes, Dover; Frederic John Gibson, 93 Darlington Street, Wolverhampton; Francis Davis Gibbons, manufacturing chemist, Tettenhall Road, Wolverhampton; Alderman D. T. Evans, J.P. Margate.

Business Changes.

WALLER, MARTIN & Co., chemists, Guildford, have closed their shop owing to the impossibility of obtaining qualified assistance.

FREES & MOON, LTD., manufacturing chemists, have removed to more commodious premises at 59 Bermondsey Street, London, S.E. 1.

MR. NORTON D. DESBOROUGH, dispensing chemist, has acquired the business of Mr. Walter Adams, chemist and druggist, The Modern Pharmacy, Branksome.

MR. J. HARCOTTE CUFF, chemist and druggist, Dover, has acquired the business of the late Mr. Robert A. Lemmon, chemist and druggist, High Street, Hythe.

MR. F. ELLIS, chemist and druggist, trading as Charles Gadd & Sons, Harleyford Road, Vauxhall, S.E., has taken over the Abbey Pharmacy, 379 Milkwood Road, Herne Hill, S.E.

A PROFIT at the rate of 1s. 3d. in the pound is returned, in a recent report of the Heckmondwike Co-operative Society, on sales in the drug department.

Legal Reports.

Sale of Food and Drugs Acts.—At the Coagh Petty Sessions on October 16, before Mr. Murphy, R.M., and other magistrates, Annie Donagh, Derrychrier, was summoned for having sold cream of tartar (acid tartrate of potassium) containing sixty parts of lead per million, only twenty parts being allowed by the British Pharmacopoeia, 1914. Mr. T. I. S. Harbison, for the defence, said the tartar was sold as obtained. Mr. James Richardson, traveller for Shaw & Jamison, Belfast, the wholesalers, said previous to the war the crude tartar was collected from wine casks in France and was refined in Germany. Now the refining is being done in France, and it is not quite so pure. The tartar in question was bought from the French refiners under a guarantee of 98 per cent. purity, which was as pure as it could be got. All the lead that was in it is quite harmless. The summons was dismissed.

Sale of Robinson's Groats.—At Bootle on October 15 Wm. Thos. Warhurst, Ltd., chemists, Gower Street, Bootle, were summoned for selling oats at a higher price than the maximum allowed by the Oat and Maize Products (Retail Prices) Order. The Town Clerk said the proceedings were taken at the suggestion of the Ministry of Food. On September 22 a special constable purchased a half-pound tin of Robinson's patent groats at the defendants' shop in Knowsley Road, and for which he was charged 6½d., instead of 5d. per lb. as fixed by the Order. Mr. Tudor Jones, for the defendants, admitted a technical offence. This was a specially prepared article for invalids and children, and is not sold in the ordinary way for domestic use. The defendants paid the manufacturers 11½d. per lb. and sold it at 1s. 1d., so it was not a case of profiteering. The proprietors now have a licence to sell this article at 1s. per lb. A fine of 20s., and costs, was imposed.

A Disputed Contract.—In the King's Bench Division on October 16, before Mr. Justice Roche, Mr. Alexandre Paul Gustin, trading as the Stratford Small Tools Works, sued Allen & Hanburys, Ltd., 37 Lombard Street, London, E.C., for 221l. 10s., amount alleged to be due for four sets of punches and dies sold and delivered by plaintiff and for work and labour supplied. Defendants denied the claim. They did not admit that the goods were sold and delivered to them by plaintiff, or that the labour or material was supplied. Alternatively, they stated that the goods supplied did not correspond with the description, and they were unfit for the purpose for which they were purchased. Mr. Macnaghten appeared for the plaintiff, Mr. Colam, K.C., and Sir Grimwood Mears for the defendants. Mr. Macnaghten stated that plaintiff formerly resided at Antwerp, and he had been a refugee in this country since the beginning of 1916. He was the owner of a toolmakers' works at Stratford. He got into communication with the defendants, who ordered a set of dies for 5-in. Spencer Wells forceps, which were duly supplied. The hearing continued on Wednesday and Thursday.

Shops Act Case.—An important decision under the Shops Act, affecting chemists, was given by Mr. H. C. A. Bingley, at the Marylebone Police Court, at the conclusion of the hearing of two summonses by the London County Council against Lewis & Burrows, Ltd., 146 Holborn Bars, London, W.C., for failing to close their shop at 208 Edgware Road for the serving of customers on the afternoon of July 12; and for employing Mr. Jones in the shop after 1.30 p.m. on that date. Mr. Greenwood, from the Solicitor's Department of the L.C.C., prosecuted; Mr. Kirby, solicitor, defended. The prosecution said that defendants are permitted under the Shops Act to sell medicines and medical and surgical appliances, but it was contended that both the articles sold on the evening in question—viz., a bottle of glycerin-and-cucumber cream and a tube of "Kolynos" dental cream—were outside the terms of the Act, and could not, therefore, be sold on the early-closing day. The manager of the shop admitted at the time that the glycerin-and-cucumber should not have been sold, and said the sale was a mistake on the part of the assistant, but he claimed that the "Kolynos" came within the category of exempted articles. His attention was then drawn to the fact that the notice required by the Act in the case of mixed shops was not exhibited, and that the notice setting forth Thursday as the day on which he took his half-holiday was out of order, as he admitted that he had changed the day for that week to Wednesday. Mr. Kirby, for the defence, said he should certainly have claimed that the "Kolynos" came within the exempted articles, but for the fact that since the issue of the summons the manufacturers of the article, in reply to an inquiry, had stated that in their opinion it is not a medicine. The assistant

who served it, however, might very well in the hurry of business have thought that it was a medicine. As to the glycerin-and-cucumber cream, that was served to a lady as a lotion for a burnt face, and he (the solicitor) claimed that that was clearly a medicine. The explanation with regard to the alteration of Mr. Jones's half-holiday was that he was an assistant musketry instructor in the Volunteer Rifles, and received orders on the preceding Sunday to attend a special drill on the Wednesday. The regulations under the Act required that the notice should be fixed before the assistant left work the previous Saturday, but it was impracticable, hence the contravention. Mr. Ernest Gough, managing director of the company, said he had no knowledge until shortly before these summonses were issued that the general exemption for chemists in that area had been withdrawn. He then gave instructions that the Act was to be complied with and the sales restricted to medicines and medical and surgical appliances. Mr. H. C. Bingley, in giving his decision, said his reading of the Act was that at the time it was passed it was considered to be very desirable that there should be a weekly half-holiday in every shop. But when it came before Parliament all sorts of people began to raise objections, with the result that the whole Act was riddled with exemptions, all of which were set forth in the schedule. Then they had the difficulty of the composite shops, which sold anything from a hairpin to an elephant; and to get over that they decided that when the half-holiday was adopted in a particular district the chemist was only to sell the particular article which he dealt in which came within the schedule—i.e., medicines and medical and surgical appliances. The question in this case was whether the articles that were admittedly sold on this Thursday half-holiday came within the exemptions as a medicine. One was glycerin-and-cucumber cream, and the other was dental cream, called "Kolynos." According to the evidence of the L.C.C. inspector, Mr. Jones, the manager, confessed that a mistake had been made with regard to the sale of the glycerin-and-cucumber, but said he thought the dental cream came within the exemption. The defendants' solicitor now admitted, however, that "Kolynos" did not come within the exempted articles, so that he (the Magistrate) was not troubled with that article. What his decision would have been, however, if it had been left to him he did not know. It might possibly have been in favour of Lewis & Burrows. He did not know. It was not contested, and therefore he did not trouble himself with it. As to the glycerin-and-cucumber, however, he was of opinion on the evidence that it could fairly be described as a medicine within the meaning of the second schedule, though perhaps rather near the borderline. His judgment, therefore, was that there had been no infraction of the Act in respect of the sale of that particular article. The maximum penalty for an offence under that section was 1l., and as the sale of the "Kolynos" did not appear to him to be a very serious infringement, he thought a fine of 10s. would meet the case. As to Mr. Jones being employed on the Thursday half-holiday, no doubt a technical offence had been committed, but he was satisfied that there was no intention to infringe the law, and in view of the very reasonable explanation that had been given that summons would be dismissed under the Probation of Offenders Act.

"National" as Trade-mark.—The matter of an application by the National Cash Register Co. of the United States to register the word "National" in Class 6 in respect of cash-registering machines and other goods, on October 17 came before the Court of Appeal, composed of Lords Justices Swinfen Eady, Warrington, and Scrutton, upon the appeal of the Registrar of Trade-marks from a judgment of Mr. Justice Sargant in the Chancery Division. The Registrar had held that the use of the word in question by a private trader would be calculated to lead the public to believe that the goods were produced under public auspices and for the common benefit, and that the proposed mark was not adapted to distinguish the applicant's goods; and upon that ground, as well as in the exercise of his discretion, he refused the application. From that Registrar's decision the company appealed to Mr. Justice Sargant, who held that the word "National" had, on the evidence before the Court, been for many years identified with the applicants and used to denote the machines manufactured by them as distinguished from the machines of other makers, and that the word was one which the applicants were entitled to have registered as a trade-mark. His Lordship accordingly allowed the appeal from the decision of the Registrar, and the application for registration was directed to be proceeded with. From this decision the Registrar of Trade-marks now appealed. At the conclusion of the arguments their Lordships affirmed the decision of Mr. Justice Sargant, and dismissed the appeal.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

H. G. BLAIR & Co., LTD. (P.C.).—Capital 4,000*l.* Objects: To carry on business as marine opticians, lens-makers, dealers in optical glass, chemical-manufacturers, carbide-manufacturers, etc. Solicitors: Deer & Deer, Cardiff.

MOLINE BY-PRODUCTS, LTD. (P.C.).—Capital 1,000*l.* Objects: To carry on business as manufacturers of and dealers in food preparations or substitutes, nuts, palm-nuts, copra, oils, etc. R.O., 49 London Wall, London, E.C. 2.

REDMOOR MINES, LTD. (P.C.).—Capital 30,000*l.* Objects: To enter into agreements (1) for the acquisition of the Redmoor Mine, the Callington Mine, and the South Kelly Mine, all at Callington, Cornwall, and (2) for the sale of the burrows or dump-heaps thereon, for the treatment of the debris thereof for wolfram, tin, and arsenic, etc. R.O., Redmoor Mines, Callington, Cornwall.

POLYCHROME CO., LTD. (P.C.).—Capital 1,000*l.* Objects: To take over the business of the Polychrome Co., carried on by W. E. Harrison, at 40 Brazenose Street, Manchester, as the "Polychrome Co.," and to carry on the business of chemists, druggists, dyers, oil and colourmen, pigments, varnishes, dyeware, and photographic goods, etc. R.O., 40 Brazenose Street, Manchester.

WILKIE & SOAMES, LTD.—A dividend of 15 per cent. (30s. per share) on ordinary shares for the half-year has been declared, making 30 per cent. for the year.

EVANS SONS LESCHER & WEBB, LTD.—Mr. William Paterson Evans was on October 13 elected chairman of the company, in succession to the late Sir Edward Evans.

LEVINSTEIN, LTD.—The directors announce that they are not yet in a position to issue the accounts, but they feel justified in declaring a further dividend of 20 per cent., equal to 2*l.* per share.

PARKE'S DRUG STORES, LTD., announce the payment on October 20 of the dividend on preference shares for the half-year ending September 30, 1917, at the rate of 6 per cent. per annum, less income-tax.

BORAX CONSOLIDATED, LTD.—The directors have declared a dividend at the rate of 6 per cent. per annum, less income-tax at 5s. in the £, on the preferred ordinary shares in respect of the half-year to September 30.

SADLER & Co., LTD.—The report for the year ended June 30 last states that, including 3,573*l.* brought forward and after providing for estimated liabilities to the Government, the available balance of profit is 30,977*l.* It is proposed to set aside for depreciation of plant 13,000*l.*, to pay a dividend at the rate of 8 per cent. per annum, less tax, and to carry forward 4,293*l.*

WILLIAM DRUG CO., LTD.—Mr. Justice Astbury, sitting in the Companies (Winding-up) Court on October 16, had before him a petition to wind up the William Drug Co., Ltd., at the instance of Surrosh K. R. Cama & Co. and another. Counsel for the company intimated that they had arranged for dismissing the petition. A judgment-debt of between 100*l.* and 200*l.* was to be paid in full. His Lordship said a satisfactory arrangement having been come to, the petition would be dismissed.

NATIONAL DRUG CO., LTD.—When a petition came before Mr. Justice Astbury, in the Companies (Winding-up) Court on October 16, for an order compulsorily winding up the National Drug Co., Ltd., counsel who appeared for the petitioners, Francis Newbery & Sons, Ltd., asked that the matter might be allowed to stand adjourned. Arrangements were being made whereby the respondents would be able to satisfy their creditors and carry on their business. His Lordship said the matter might stand over for a month.

EDWARD COOK & Co., LTD.—The nineteenth annual general meeting of Edward Cook & Co., Ltd., was held at The Soapery, Bow, London, E., on October 16. Mr. Thos. Alex. Cook presided, and in moving the usual resolutions pointed out that a record turnover and record profits had been secured, not by profiteering, but by reducing overhead charges through increased turnover. This increased turnover was essential, as the company was pledged to the Ministry of Munitions to produce larger quantities of glycerin, and this involved producing more soap, which could not be stored. The company was organised democratically, and therefore had no reason to apprehend "industrial unrest," or anything of that kind. Much was being done in the way of evening classes in a wide range of subjects for the young people of the staff, and the Committee system had been further developed.

Trade Notes.

PLANO is a product of Milner's Chemical Co., Liverpool, which is used for chapped hands. The price-list is inserted in this issue.

ONE-DROP PERFUMES are the special line advertised this week by B. W. Hair & Son, wholesale druggists, 104 High Holborn, London, W.C. 1.

PERFUMERY.—Some charming lines in perfumery are shown in the advertisement in this issue of Midgley's, Ltd., 5 Mayes Street, Manchester.

CIROPENE is the name of a sweetening substance which is being offered for immediate delivery by Linton, Hubbard & Andrew, 72-75 Fenchurch Street, London, E.C. 3.

MODIFIED SYRUPS.—Evans, Gadd & Co., Ltd., Bristol and Exeter, have now produced a series of modified syrups in place of those withdrawn from the British Pharmacopoeia. The company's advertisement in this issue tells about these.

HENNA SHAMPOO.—The Evan Williams Co., Ltd., 18 and 18a Ogle Street, Foley Street, London, W. 1, make a special autumn discount offer of Evans Williams' original henna shampoo, particulars of which chemists are invited to ask for.

ANZORA is selling in increasing quantities in spite of wartime difficulties. The premises of the Anzora Perfumery Co., 28, 32, and 34 Willsden Lane, London, N.W. 6, have been extended it is stated in the company's advertisement in this issue.

CHRISTMAS PERFUMERY.—The series of toilet luxuries which were illustrated by Edward Cook & Co., Ltd., The Soapery, Bow, E. 3, in last week's Coloured Supplement is worth the attention of chemists who are on the look-out for suitable goods for Christmas trade.

DOING WITHOUT GERMANY.—Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, London, E.C., have written to the "Daily Mail" announcing that the company does not intend in future to deal in German goods, not even goods that have been captured by the Navy. The company holds that dealing in "prize" goods helps Germany's trade after the war.

CALCIUM ACID PHOSPHATE.—Mr. John Lorimer, 119 Finsbury Pavement, London, E.C. 2, is offering a British-made calcium acid phosphate which is being made at new works laid down on the most modern principles. A sample we have received is labelled as equivalent in acidity to cream of tartar, as a substitute for which the acid phosphate is largely employed.

METHYLATED SPIRIT SUBSTITUTE.—The Standard Tablet Co., Ltd., Hove, are providing, under the name "Flammoids," an efficient substitute for methylated spirit for use in the household for heating purposes. Flammoids are cones of a solid chemical, and, like spirit, burn with a steady non-smoky flame. Nothing more handy for the purpose could be imagined than Flammoids.

"STANDARD" PRICE-LIST.—Mr. Charles Philip, pharmacist, 23 High Street, Heme Bay, has issued the quarterly edition for October of his "Standard" Retail-price List of war-affected drugs. It is based on the principles laid down in Mr. Philip's "Chemists' Pricing Guide," and the prices are worked out on a definite system. It is a capital list and a great help to business chemists, as the fluctuations of prices are left to the compiler of the list instead of being worked out by the individual chemist.

"W. T." CRUTCHES.—The "W. T." Crutch (patent) is an improved form of support designed to abolish the "crutch-paralysis" arising from the pressure of the old style of crutches in the armpits. It consists of a leather waist-belt to which are attached two brass plates fitted with ingenious catches for the detachable crutches, which are of tubular steel, telescopic, and light in weight. The whole can be put on or taken off in a few seconds. Full details may be obtained from the sole licensees, Wilfred Turner & Co., Ltd., 30 Craven Street, London, W.C. 2.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

157/1. Benzine pure "Bergol."	152/20. "Mercurophen."
157/7. "Cleatrizol."	160/23. "Richmond" body-
115/13. "Nubian" hair-dye.	belt.
159/19. Manfred's powders.	160/42. Theo pills.

Observations and Reflections.

By Xrayser II.

The Great House of Evans, Sons & Co.,

now Evans Sons
Lescher & Webb, Ltd., has never since I knew it—that is to say, for fifty-five years or more—been dependent on any one man for its prosperity, and now perhaps less than ever does the loss of any one man directly affect its fortunes. But the death of Sir Edward Evans deprives this historic business of its most notable figure—the figure of one who will be missed not by the company only, but by pharmacists all over the world. Sir Edward's services to British pharmacy in particular were many and great; they were not confined within the sphere of his own immediate interests. He played a large part in the extension of his house's activities, until it became an almost perfect model of what such a house should be, and thus conferred an inestimable boon upon the whole drug-trade; but, over and above this, he worked strenuously for every project for advancing our interests. He owed much of his influence to the position he had won in his own city and the counsels of the political party of which he was the chief local ornament. This is not the place to dwell on these aspects of his career, but they cannot be ignored in estimating his services to us. Sir Edward Evans was a shining illustration of the truth that it is not the man who devotes himself exclusively to business who in the best sense is the most successful in business. He was a many-sided man, a man of many sympathies, many activities, and his success in the main matter was largely due to his activities in others. He brought to business something more and larger than mere business ability; the force he exerted in everything he did was that of a complete man—the personal force of character and accomplishment working to definite ends, but inspired always by the largest, the most generous human motives.

Words,

says Mr. Wells, often lose their original meaning. Of course they do, but there are word-changes that ought to be resisted, because they are bound to cause misunderstanding, sometimes of a serious character. The case of "poisonous," however, is one of a lax use rather than of change of meaning; it means what it always did—that is, having the quality or properties of a poison. Even in popular use it still often retains its original strength of meaning, which is, full of poison. One rustic will tell you that he knows such-and-such a plant is "poison," another that it is "poisonous," but they both mean the same thing. To use the latter word as if in itself it carried the meaning of something only slightly poisonous is an abuse of language, because it does not answer to facts. When the law gave colour to this abuse it wrote itself down an ass, and we, as being mainly responsible for the supply of poisons to the public, ought to lose no opportunity of rubbing in this truth. That the distinction between a poison and a poisonous substance is an arbitrary and unreal one the anomalies of the Irish schedule which Mr. Wells notes are enough to show; as a matter of fact, some of the poisons in our own schedule are no more poisonous than some "poisonous substances" which are not included in it. Mr. Wells's legal friend may be, and indeed is, right in law, but philologically (or from the commonsense point of view either) he has not a leg to stand on.

The Dispute Between the L.A.E. and the P.P.C.

with regard to the Tariff proposals for 1918 continues, in spite of an approach to agreement, with considerable virulence. I refer especially to the latest official utterance upon the subject, the feebleness and incoherence of which it is charitable to attribute to the temporary loss of mental balance that anger is proverbially said to cause. In the article referred to it is argued, first, that the difference between the two proposals is such as to leave it doubtful whether the L.A.E. scheme would not prove the more remunerative; if (we are told) the Commissioners were

induced to give the P.P.C. proposal a trial in the Middlesex area, it would be in the hope of finding it the better bargain for themselves, and it is not obscurely suggested that in all probability this would prove to be the fact. Yet the second argument for preferring the other proposal is that we ought not "to add to the burdens and distractions of the present critical times by adopting an aggressive or exploiting policy." Summed up, the whole argument comes to this: You are proposing terms that in all likelihood are lower than ours, yet by doing so you display an unpatriotic greed calculated to deprive us of "public sympathy and good will." The last touch is delicious.

A Critical Examination of the Two Proposals

shows that the practical difference between them has for its crucial point the difference between "compound" and "compounded" medicines. By the former I understand all medicines composed of more than a single ingredient, by the latter one that has been actually compounded by the dispenser. Thus interpreting them, the proposal of the L.A.E. seems to me, in form at least, preferable to the other, and it is arguable that, the fees in each remaining as proposed, it might prove equally remunerative. Everything depends upon the proportion of these compounded medicines to the total dispensed, and this is admittedly uncertain and variable. But it has all along shown a tendency to decrease, and the more it decreases the less remunerative this Tariff would be. True, the fee for each class of medicine is under it a good deal higher than is officially proposed, but it may be questioned whether it is sufficiently so to secure us better payment all round; and there is some point in the official contention that disputes would frequently arise as to which medicines had been extemporaneously compounded and which had not. Altogether I am inclined to think the matter is not worth the pother that has been raised. I sympathise strongly with the P.P.C. in their opposition to the Society's attitude and methods, and thank its promoters heartily for insisting successfully on the presentation of their case, but I shall be sorry if it proves that this measure of success has left a permanent ill-feeling between the two parties to the quarrel.

The "Appreciations" You Print from Time to Time

do not surprise me, but I am continually being surprised at the wealth of necessary information and important news that you continue, in spite of war conditions, to give us week by week. I have had the curiosity this morning to count the number of strictly news items in your current issue. Without including your Trade Report, Trade-marks applied for, Information supplied or asked for, Editorials, Observations and Reflections, Correspondence, or anything in your Coloured Supplement, I make the total come to the amazing number of 198, arranged under twenty-four general heads, and further subdivided according to locality, etc. Some of these items are of more than a column's length, and they are all sufficient for their purpose. Surely this is a notable achievement; the force of condensation could not well go further; the *C. & D.* is as full of matter as an egg is full of meat.

The Eau d'Arquebusade,

familiar to us in the literature of the eighteenth century, had little in common with that of Theden, but was more like the aqua vulneraria spirituosa of the German Pharmacopœia, the formula for which is given at the end of the paragraph you quote from "The Lancet." It varied much in composition, according to the taste and fancy of the maker. Rennie gives this recipe for it: "Take 1 lb. of a mixture of the most aromatic flowers and herbs, the greater the variety the better, and steep for a fortnight in two gals. of proof spirits, then distil 1 gal. and a half." This hardly answers to Wootton's description of it as "a weak spirituous distillate." He mentions as the favourite ingredients "angelica, rosemary, balm, hyssop, mint, rue, sage, and wormwood," but these are only specimens of what might be used in its composition.

Peroxide of Hydrogen

(H₂O₂)

KINGZETT'S PRESERVED QUALITY.

INVALUABLE

1. As a wash for wounds, ulcers and sores.
2. For use in midwifery cases.
3. As a gargle in cases of sore throats.
4. As a mouth-wash.
5. For application in cases of bites from venomous insects.
6. For removing fruit stains from linen.
7. As an air purifier (by spray), &c.

SOLD IN 10 VOLUMES STRENGTH, AND PUT UP IN

16-oz. bottles, retailing at 1/6 each.

8 " " 1/- "

4 " " 9d. "

Also in Bulk.

Trade Prices and Leaflet on application.

The "SANITAS" Co., Ltd., Limehouse, London, E. 14.

S.V.R. — S.V.M.

AND

CHEMISTS' WINES.

Jas. Burrough Ltd. D.T. Cafe Distillery, Hutton Rd., LAMBETH, S.E. 17

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An announcement of particular interest to you appears in this issue on page 24.

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Index Folio 898

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Editorial Articles.

Proprietary Venereal Remedies.

SOME difficulties are being found by retail chemists in regard to the purchase of proprietary medicines for venereal diseases or for remedies which have directions which may possibly bring the medicines within the scope of Section 2, Sub-Section 2, of the Venereal Disease Act. As explained in the series of articles which we have devoted to the Act, this part comes in force on November 1. An inquiry which has been made by several subscribers is, "How are we to know that the directions or recommendations given with proprietary articles are free from liability under the Venereal Disease Act?" It is obvious that the chemist cannot open suspected packages to find out whether the medicine contains any objectionable phrases, such as those referred to in the *C. & D.*, September 15 and 22, as the medicine-stamp would be broken and the package be unsaleable. Curiously enough, it is only the holding-out or recommending to the public by advertisement, etc., that is an offence under this hastily conceived piece of legislation. The maker of a venereal remedy who sells to the wholesaler and the wholesaler who sells to the retail chemist are not, we are advised, selling to the public. With the retail chemist, however, the case is different; he is selling to the public, and in that sense is holding out the remedy. If any offending matter occurs anywhere in the package, he becomes liable to the penalties of the Act. We do not suggest that the manufacturer and wholesaler will attempt to shirk their responsibilities, as the ultimate destination of the goods is to the public. As a matter of fact, we know that some makers and wholesalers are doing all they can to see that the goods they send out conform to the Act. Chemists would, however, do well to protect themselves by ordering proprietary articles which conform to the Venereal Disease Act, *stating this distinctly on the order*. It would be an excellent defence in case of prosecution if a chemist could show that he had done his best to ensure that the proprietary medicines he receives from the manufacturer or wholesaler were free from objectionable matter. In regard to manufacturers we suggest that they should place some mark or label on the outer package to indicate that the labels and circulars had been revised in accordance with recent legislation. A label bearing the words "Conforms to V.D.A." would be suitable. If, however, it may be

thought that this is indicating that the medicine is a venereal remedy; or, in the case of sarsaparilla mixtures and similar remedies which only offend incidentally, the words might be, "Issued after November 1, 1917." This would be an indication to the chemist that a revision had been made of the labels and directions. We shall be glad to hear from manufacturers who care to inform us of the steps they have taken in this regard, and to make suitable announcements in the *C. & D.*, so that the retailer may know which preparations he may sell with safety. In regard to any stock which chemists may hold of remedies with offending wording on the labels we hope the authorities will take a reasonable view of the matter where it can be shown that the proprietary articles were purchased in ordinary quantities before November 1. There is, however, no guarantee that all purveyors of justice will deal with the matter in a reasonable manner, and it may seem advisable to some chemists to correspond with their wholesale house in regard to an exchange of old stock. "Why don't you state in the *C. & D.* the names of the remedies which are referred to in the lists published on September 15 and 22?" is another interrogation we have received from different sources. There are several reasons. In the first place, most chemists know from the descriptions which remedies are referred to, and we have no desire to pillory the manufacturers, who have done nothing to offend against the law as it existed up to November 1. We have also no intention of acting as detectives for a Government Department or the police by supplying them with a ready-made list of proprietary articles upon which to start prosecutions against chemists and commence the test actions which, owing to the bad draughtsmanship of the measure, will be needed before the several problems which the Act raises can be made clear.

Seeds and Fixed Oils.

THERE is no overlooking the fact that during the current year the shortage of practically all kinds of oils and fats needed for industrial and food purposes, has become acute, and there is, unfortunately, not much prospect of relief yet awhile, although strenuous efforts are being made to mitigate the effect of the growing scarcity by restricting consumption so far as possible under official control. A glance at our imports of oilseed materials since the beginning of the year at once reveals the fact that supplies have fallen off very seriously practically all round; the deficit in the case of linseed being well over 60 per cent., and in cottonseed roughly 50 per cent. against the previous year's returns—this obviously leading to a corresponding shrinkage in the home make of the respective oils. Crushers' operations, indeed, are severely handicapped by the shortage of seed and other materials apart from labour scarcity. From the oil-consumer's point of view, the position has been rendered the more acute on account of the virtual absence of oil imports. In pre-war times, considerable quantities of Continental linseed and cottonseed oils used to come this side, but when the war broke out this was reversed, and owing to a lack of foresight, an enormous tonnage of British-made linseed oil was allowed to find its way to Holland—the gateway to Germany—prior to the enforcement of the embargo. Apart from freightage difficulties, which largely account for the big deficit in our seed imports, these have also been affected by the partial failure of the last River Plate crop. Rapeseed imports, however, have been exceptionally maintained fully at last year's level, which is rather fortunate, although the rape-oil imports have shrunk to ridiculously small dimensions, hence the scarcity in this product has become intense.

The price for linseed oil, for which a substantial Government order was placed recently for export, has lately advanced to about 57 $\frac{1}{2}$ per ton net at mills, which is 1 $\frac{1}{2}$ below the official maximum quotation. The demand at the moment is not particularly brisk, but the market is very bare, and the placing of orders is rather difficult under the present uncertainty, while the home make is very small, the same remark applying to cotton oil—current production in both cases falling short of trade

needs, although these are much under the normal. There are but few exceptions where the ruling market quotations for vegetable oils stand at below the Government maximum fixed prices in spite of the prohibition of speculative business. Sellers are extremely scarce and inclined to hold back. Were there no control, prices would, of course, rise quickly, but the filling of consumers' needs can only be assisted by the establishment of values more consistent with the stringency in the matter of supply. An advance in maximum oil prices would probably tend to cheapen the cost of oil-cake, which is badly needed for cattle-feeding purposes. The position of raw materials is very tight, stocks being extremely light, so that crushers find great difficulty in keeping things going. Linseed is quickly absorbed at the full maximum price as it becomes available at home ports. River Plate crop conditions are regarded as fairly encouraging, and it is hoped that the next yield will show a substantial recovery from the wretchedly poor results of last season, but transport remains the chief difficulty.

Cottonseed values are at the maximum level, while cotton-oil soap qualities are quoted up to 67 $\frac{1}{2}$., and refined edible up to 75 $\frac{1}{2}$., naked, with ordinary crude oil at 60 $\frac{1}{2}$., these being the maximum rates. The cottonseed receipts have fallen very low, and the make of oil must be expected to remain small, but the scarcity may be relieved somewhat by future arrivals of the Egyptian crop late in the season. The area for the new crop, however, is expected to be materially curtailed, as indicated by a recent Government announcement, in order to reserve more room for food-growing purposes, although the soundness of such policy is rather questioned by the trade. The total of the Hull receipts of oilseeds and oilnuts during last month was roughly 6,000 tons, this disclosing practically no improvement against August, while the supplies landed at Liverpool and elsewhere were negligible. The scarcity of rape oil is now more acute, and the full maximum prices are readily paid by consumers where parcels are at all obtainable. Some of the dealers in Lancashire, as a matter of fact, have been quoting figures much above the fixed maximum price of 71 $\frac{1}{2}$ net for refined rape oil, this presumably for small lots only, which are free from price control; and similarly as much as 5 $\frac{1}{2}$ a ton was recently realised for trivial lots of edible arachide or ground-nut oil in barrels.

Almost famine conditions prevail in olive oil, due to the lack of arrivals, there being no sign of a relaxation of the Spanish embargo on exports, while other sources of supply are virtually beyond the reach of importers. Insuperable difficulties are being encountered in this direction, and prices are therefore quite nominal in the absence of offers, and with only limited quantities held here and there fancy figures are asked by holders. On the other hand, there has been a more plentiful supply of crude palm oil, the total receipts of which this year are quite as large as two years ago. Castor oil, however, is unobtainable at the maximum price, the limited supply in existence being ostensibly retained for higher official rates, and a large quantity of English has been commandeered by the Government. In the virtual absence of imports of soya-beans owing to the prohibition, soya oil is practically a dead letter.

The general position in seeds and oils and all kinds of fats is bristling with difficulties, which have, it is considered, been in no small degree aggravated by the drastic procedure adopted in various directions in respect to Government control. The whole industry was inevitably badly upset by the regulations, but there is no doubt that unnecessary hardship has been caused to many trades where this could have been to some extent avoided by the adoption of more sane and business-like methods or the selection of Department officials more in touch with the industry. There has been some talk of fresh developments in the way of a modified basis of control, but it is pretty certain that the list of official maximum prices is about to be revised in order to place these on a level more in accord with present conditions of supply and demand. Meantime, the negotiation of business with consumers is severely hindered while the merchant trade is kept in a state of suspense due to the prevailing uncertainty pending overdue Government action.

September Overseas Trade.

THE Board of Trade Returns for September show that the imports amounted to 86,350,000*l.* against 77,440,000*l.* in the corresponding month of last year, an increase of 8,859,500*l.*, but compared with two years the increase is 16,000,500*l.* The exports for the month were 43,244,000*l.*, a decrease of 233,500*l.*, but compared with September 1915, a year after the war broke out, they are 10,936,000*l.* more. For the nine months of this year the imports were 776,702,000*l.* in value, an increase over 1916 of 72,756,600*l.*, and over 1915 of 132,890,000*l.* The exports for the same period were 394,029,000*l.*, being 14,700,000*l.* more than the first nine months of 1916, and 110,937,000*l.* above those of 1915. Dealing with the imports for the month several curious features are noted, including a gain of 8,770,600*l.* in manufactured goods, of which 7,350,800*l.* was in "miscellaneous" articles, and nearly three millions more in metals. Chemicals and the like also increased by 694,193*l.*, bringing the total to 2,871,200*l.* There were larger imports of acetic acid, brimstone, cream of tartar, unenumerated dyestuffs, and tanning-bark; on the other hand, there was a marked falling-off in calcium carbide, boron compounds, soda compounds, and tartaric acid, and to a less extent in quinine, the imports of this chemical being:

	1915	1916	1917
	oz.	oz.	oz.
September	607,254	516,574	385,238
January-September	3,315,200	2,866,870	3,474,765

Another feature in imports last month was the net decrease of 3,711,800*l.* in the value of our receipts of food, drink, and tobacco, in spite of an increase of 2,518,000*l.* in grain and flour. The most striking changes in imports of raw materials are an increase of 4,810,000*l.* under the head of raw cotton and one of 1,171,000*l.* in the receipts of oilseeds, nuts, oils, fats, and gums, the total amount being almost six millions sterling. The petroleum figures are remarkable, showing total imports of 84,814,203 gals. for the month, or more than double the figures of a year ago. Fuel-oil and motor-spirit account largely for the increase, but lamp-oils fell off considerably.

In the exports for September there was a not unwelcome net decrease in foodstuffs of 1,479,000*l.*, our total shipments being 1,180,700*l.* Exports of raw materials also exhibited a decline of 29,000*l.* on balance; a decrease of 278,000*l.* in coals being offset by an expansion of 292,000*l.* in oilseeds and the like—other changes being insignificant. In the shipment of manufactured goods there was a net increase of 1,202,400*l.*, the total being 35,108,000*l.* for the month. Only under five heads is an improvement shown: the cotton and woollen trades remained active, showing substantial gains, but apart from this there was an all-round decline. Chemicals and allied products, for instance, shrank by 345,000*l.* compared with September last year, but they are 200,000*l.* better than two years ago. A large part of the decline last month was due to chemical manures like sulphate of ammonia (required for home use) and superphosphates, both of which are under official control. Soda compounds, at 306,000 cwt. for the month, are only slightly less than last year. Greater care is now being exercised in conserving our home supplies of drugs and medicines, as the September exports only reached 244,860*l.*, or 166,000*l.* less than in September 1916. Very fair quantities of quinine were released for shipment, figures being:

	1915	1916	1917
	oz.	oz.	oz.
September	214,649	52,464	104,646
January-September	1,537,433	1,149,914	1,253,080

Altogether the Returns indicate a slackening in activity in certain branches of industries to which the export trade is an important consideration, but there is nothing to be alarmed about.

CHEMISTS STRIKE.—A meeting of chemists and chemists' assistants of Petrograd decided to declare a general strike beginning on October 15 because the proprietors refused to grant their economic demands.

Pharmaceutical Society of Ireland.

Annual Meeting.

THE forty-second annual meeting was held at 67 Lower Mount Street, Dublin, on October 1. There were present: Mr. James Tate (President), Mr. James Michie (Vice-President), Mr. George D. Beggs, J.P. (Hon. Treasurer), Drs. A. J. Barnes and James A. Walsh, Messrs. W. F. Wells, A. Owen Wells, Joseph H. Bowden, John Smith, Victor E. Hanna, D. M. Watson, members of Council; Drs. James S. Ashe, Walter J. Healy, M. O'Donnell, and David O'Sullivan, Messrs. R. S. Conyngham, M.A., W. B. Conyngham, Joel Green, D. C. Glenn, H. J. Sumner, James T. Dwyer, D. J. Chadwick, James Duggan, Michael Ryan, G. H. Batt, D. Warwick, P. J. Burns, G. A. McLean Lee, A. H. Oliphant, and W. Hopkins Ashmore, members of the Society; and Mr. H. Nightingale, associate druggist. The minutes of the previous annual meeting were read and signed.

ELECTION OF COUNCILLORS.

The report of the scrutineers, which was submitted, was as follows:

	Votes		Votes
A. Owen Wells	201	W. B. Conyngham	29
G. D. Beggs	198	P. N. White	28
W. F. Wells	190	W. Jamison	27
J. E. Connor	166	M. Ryan	8
G. A. McLean Lee	147	P. J. Burns	67
Sir W. J. Baxter	128	Dr. M. O'Donnell	66
V. E. Hanna	119	M. J. Mullan	35
Dr. W. J. Healy	117		

The PRESIDENT declared Messrs. A. Owen Wells, G. D. Beggs, W. F. Wells, J. E. Connor, G. A. McLean Lee, Sir W. J. Baxter, and Mr. V. E. Hanna to be duly elected members of Council for the ensuing three years.

MEDALS AWARDED.

The PRESIDENT announced the award of a gold medal to Mr. William Clement Byrne, Ph.C., and of a silver medal to Mr. Henry Isaacson, Ph.C. Both gentlemen had been students in the Society's Schools. Mr. Byrne, who has an appointment in Ceylon, wrote an appreciative letter, in which he stated that he felt that his success was largely due to the teaching he received at Mount Street; Mr. ISAACSON, who was present, also bore testimony to the excellence of the teaching.

PRESIDENT'S ADDRESS.

The PRESIDENT said that the only falling off in numbers shown by the statistics of the Society was in chemists and druggists, which was natural as the years go by. The interest in the Society shown by the members of Council had been well maintained, and very valuable assistance had been rendered by the Vice-President and the Registrar (Mr. A. T. Ferrall). Three members had won the Military Cross, and the President suggested that a Roll of Honour might be placed in the Council rooms to commemorate the deeds of these members of the craft who had helped their country in the time of need.

ANNUAL STATISTICS.

The PRESIDENT then called upon the Registrar for his annual report on the state of the Society. The REGISTRAR reported that for 1917 there were on the register 1,051 pharmaceutical chemists, compared with 1,026 for 1916; 191 pharmaceutical assistants, compared with 173; 94 chemists and druggists, compared with 97; and 627 registered druggists, compared with 618. The net increase on the register is 49. Of the subscribers, there were 366 members for 1917, compared with 351 for 1916, and 34 associate druggists, compared with 30. He also mentioned those who had died during the year. As to examinations, 111 candidates presented themselves for the Preliminary, of whom 54 passed and 53 had been registered on certificates from other bodies, making a total of 107 for 1917, compared with 81 in 1916. For the Pharmaceutical Licence 98 were examined, and 37 passed, compared with 42 last year. The names of the candidates who passed with honours were given. For the Pharmaceutical Assistant examination 20 candidates were examined, and 14 passed (8 last year). For the Registered Druggist examination 30 candidates presented themselves, of whom 15 passed. Last year's figures were 15 and 8. The activities of the Law Committee during the year included opposition to the extension of the list of agricultural poisons by including carbolic preparations. The opposition was, however, without avail. The revised Cocaine and Opium Regulations were mentioned, and the steps that had been taken to obtain

the co-operation of the Royal College of Physicians in the marking of prescriptions. Professor Geo. Brownlee, B.Sc., continues to conduct the chemistry classes during Mr. McLean's absence on munition-work. The materia medica class is being conducted by Mr. W. Hopkins Ashmore, and the botany class by Mr. Patrick O'Connor, A.R.C.Sci. For 1917 the students number: Practical chemistry, 25; theoretical chemistry, 29; botany and materia medica, 44—98 altogether, against 116 in 1916. The list of prizes was given.

THE ACCOUNTS.

Mr. BEGGS, the Hon. Treasurer, presented the financial statements dealing with the Society and the schools, showing in each case substantial increases in the balances in the bank and in the investments.

A letter was read from the Irish Chemists' Assistants' Association.

The proceedings concluded with hearty votes of thanks to the President and other officers.

Council-meeting.

A MEETING of the Council was held at 67 Lower Mount Street, Dublin, on October 8. There were present Messrs. James Tate (President), in the chair, J. Michie (Vice-President), G. D. Beggs, J. E. Connor, John Smith, Victor E. Hanna, D. M. Watson, Dr. G. B. Dunlop, G. A. McLean Lee, James A. Walsh, Thos. N. Moffitt, R. Blair, A. Owen Wells, W. F. Wells, V. E. Hanna, W. J. Hardy, Dr. A. J. Barnes, Wm. Doig, and Joseph H. Bowden.

NEW COUNCILLORS.

The PRESIDENT welcomed two new members to the Council—Messrs. Lee and Hanna. They were both well known, one in Dublin and the other in Belfast. He felt sure that both gentlemen would be a great acquisition to the Council. (Applause.)

MESSRS. LEE and HANNA briefly acknowledged the greeting accorded to them.

PRESIDENT'S VALEDICTORY ADDRESS.

The PRESIDENT then referred to the fact that the two years of his occupancy of the chair had drawn to a close, and he thanked all those who had assisted him in carrying out the duties. He had hoped that peace would have taken the place of sacrifice ere his second year of office had expired, but, alas! that happy and longed-for time has yet to arrive. Laws have been passed consistent with the times in which we live, some necessary and others of questionable merit. Let us, he said, hope the day will soon come when the practical men of the Empire, as well as official theorists, will have a voice in framing the necessary laws of our profession. (Hear, hear.) Whatever benefits, as pharmacists, they possess—and they are too few—it is their paramount duty to hold them fast against all comers (Hear, hear.) He regretted that during his term of office one of his heart's desires was unfulfilled—the acquiring of that status in the Army which the professional qualifications of the licentiates command, and to which they are entitled. (Hear, hear.) When doctors, dentists, and veterinarians are each granted commissioned rank in the fighting forces, why should a like favour not be granted to pharmaceutical chemists? Their duty is to press their claims at all times, and so gain a hearing by their insistence in the cause of justice. (Hear, hear.) He was optimistic enough to believe that when the present world-conflict is over the only nation that is called Great will become Greater; prejudices, venerable for their age, will be swept away; education will make greater strides, and the more complete development of each one's personality will be attained.

ELECTION OF PRESIDENT.

The PRESIDENT then moved that Mr. Michie, Vice-President, be elected as President for the ensuing year. He had fulfilled his duties as Vice-President to the satisfaction of them all.

Mr. BEGGS seconded the motion, and it was carried unanimously. Mr. Michie took the chair, and Mr. Tate transferred to him the badge of office.

Mr. MICHIE thanked the Council for the honour they had conferred upon him. He had been a member of the Council for some years, and had endeavoured to discharge his duties to the best of his ability. In the more responsible position to which he had been elected he would, during his term, endeavour to justify their choice of him by promoting the interests of the Society and the welfare of its licentiates.

ELECTION OF VICE-PRESIDENT.

Mr. W. F. WELLS proposed that Mr. J. E. Connor be appointed Vice-President for the ensuing year. He thought

the North should get a look in, and that as Mr. Connor belonged to an important centre (Newry) he would be a very useful Vice-President. Mr. Connor, and his father before him, conducted one of the best-run pharmacies in Ireland.

Mr. BEGGS seconded, and Mr. MOFFITT, supporting the proposition, said that Mr. Connor is at present Chairman of the Newry Chamber of Commerce, a member of the Urban District Council of Warrenpoint, a member of the Technical School Committee, a member of the Educational Committee at Warrenpoint, and a Justice of the Peace for the county Down.

Mr. D. M. WATSON also supported the motion.

Mr. V. E. HANNA said it was not because he had anything to say against Mr. Connor that he proposed that Mr. Bowden be Vice-President. Mr. Connor, being resident at a distance, could not attend all the Committee-meetings; Mr. Bowden would make a good attending member.

Mr. W. F. WELLS said that if Mr. Hanna's policy were adopted there would be no country member on the Council. Mr. Montgomery some years ago, and Mr. Tate recently, had done very valuable work for the Society in Belfast, and Mr. Connor would do equally good work in his wide district without it being necessary for him to attend every Committee-meeting in Dublin. Mr. Connor had been a member of the Council for nearly twenty years, and he had a good record. (Hear, hear.)

Dr. BARNES seconded Mr. Hanna's proposal.

After some little discussion, Mr. HANNA withdrew his proposal, and Mr. Connor was unanimously elected.

Mr. CONNOR, returning thanks, said he appreciated the compliment paid to him. He agreed with Mr. Hanna in saying that those who held these offices should be resident in the Dublin district so that they might attend the meetings regularly, but as a Dublin man was this year in the chair his (Mr. Connor's) duties would be light.

TREASURER ELECTED.

On the motion of the PRESIDENT, seconded by Mr. BOWDEN, Mr. Beggs was reappointed Hon. Treasurer.

Dr. BARNES suggested the advisability of appointing a chartered accountant as auditor, but the Council thought this is not the time to incur that expense, and Messrs. Bowden and Hanna were reappointed.

REDUCTION IN FINE WANTED.

The Registrar read a letter from the Under-Secretary, Dublin Castle, transmitting a copy of a memorial from Charles McFadden, of Falcarragh, co. Donegal, for an abatement of a fine of 5*l.* which the Magistrates imposed on him for having improperly sold poison.

Mr. W. F. WELLS said he was against making any reduction in the fine. This case showed the necessity of having qualified men in charge of pharmacies.

The matter was referred to the Society's solicitor to draw up a reply to the memorial.

OTHER MATTERS.

A motion by Dr. BARNES that "Question Time" be instituted in the proceedings of the Council was defeated by a small majority.

Mr. V. E. HANNA complained of the brevity of the reports of their proceedings in the official organ, remarking that they did not convey to their members an adequate idea of the work that is being done. He also complained of the want of a full and accurate register of all the pharmaceutical chemists and druggists in Ireland. He thought they ought to have a proper official list of all the open shops for the sale of prescriptions and drugs.

Mr. W. F. WELLS said that it would require an Act of Parliament to get that done.

The matter was referred to the Society's solicitor.

NEW MEMBERS.

The following were elected:

Miss Rosalie Mary Byrne, Ph.C., Harbour Street, Ballynagary, co. Westmeath; Peter P. Coffey, Ph.C., City Dispensary, Limerick; James McKeever, Ph.C., Navan, co. Meath; Thomas P. Toher, Ph.C., Sligo.

Mr. James McCutcheon, R.D., Drug Hall, Ardee, co. Louth, was elected Associate Druggist.

Reports from the several Committees were considered, and some accounts were ordered for payment.

Before the meeting separated the PRESIDENT proposed a cordial vote of thanks to Mr. Tate for the able manner in which he had discharged the duties of President during his two years' term of office.

Mr. W. F. WELLS seconded, and the proposition was passed with acclamation.

Mr. TATE briefly returned thanks, and the proceedings terminated.

Examination Results.

THE FOLLOWING PASS-LISTS refer to the examinations held this month:

REGISTERED DRUGGIST EXAMINATION.—Robert Thompson Henry, Belfast; George Bertram Hoey, Dublin; and George Vincent Wallace, Dublin, passed. Three candidates were rejected.

PHARMACEUTICAL LICENCE EXAMINATION.—George Christopher Hewson, Ballina, co. Mayo, passed with honours. The following also passed: James Richard Bunyan, Listowel, co. Kerry; Samuel Townley Smith, Maryborough; Wm. Marsden Cross, Ballyclare, co. Antrim; Thomas Patrick Roche, Charleville, co. Cork; Hugh Bernard O'Donoghue, Virginia, co. Cavan; Hugh Brownlow McMullan, Banbridge. Fifteen candidates were rejected.

PHARMACEUTICAL ASSISTANT EXAMINATION.—Samuel Aaron Rosenthal, Dublin, and Charles Frederick Kirwan, Ballinrobe, passed. One candidate was rejected.

Associations' Winter Session.

Dublin.—The newly appointed officers of the Dublin and Provincial Retail Drug Association for the ensuing twelve months are: *President*, Mr. W. Hopkins Ashmore, Ph.C.; *Vice-President*, Mr.-J. Smith, M.C.P.S.I.; *Hon. Treasurer*, Mr. J. R. Middleton, J.P.; *Hon. Auditor*, Mr. R. White, R.D.; *Hon. Secretary*, Mr. Victor E. Hanna, 70 Lower Mount Street, Dublin.

Hampshire.—The Hampshire Pharmacists' Association met at the Insurance Committee's offices, Winchester, on October 11, Mr. C. S. Davies (President) in the chair. A discussion arose on the issue of the Minimum Retail-price List, and it was decided that members should pay for their copies of the publication. The President appealed on behalf of the Parliamentary Fund, and every member present promised to subscribe. Absent members are to be asked to support the fund. The supply of methylated spirit was discussed, but the matter was adjourned for further information. The question of the dispensing of proprietary medicines on Insurance prescriptions was raised by the Chairman of the Pharmaceutical Committee, but was also adjourned, as the Secretary is in communication with the Clerk to the Insurance Committee on the matter. Mr. Latto (Fareham) was elected a member. The President then read a paper on *Sundry Ideas Concerning Chemists' Sundries*, dividing his subject into two parts—"Selection and Storing" and "Showing and Selling." In the first section he dealt with the details of a stock-room for sundries, illustrating methods for keeping such articles as hair-brushes, combs, nail-brushes, hot-water bottles, bathing-caps, etc. In the second division of the paper Mr. Davies illustrated several original showcases for the display of sponges and other toilet-articles which were claimed to be more convenient than those usually supplied by shopfitters. He advised members who had friends fond of cabinet-work to make much of them, treat them well, and then give them a chance to improve the pharmacy. A useful discussion followed, and, on the proposition of Mr. Wride, seconded by Mr. Bartlett, a vote of thanks was passed to the President.

Leeds.—The Leeds Chemists' Association opened the new session on October 10 with an address by Mr. Neathercoat, Vice-President of the Pharmaceutical Society. The gathering was at the Grand Central Hotel, Mr. N. N. Armitage presiding over a good attendance. Mr. Neathercoat first congratulated the Association on having within its membership Mr. F. Pilkington Sargeant, one of pharmacy's hardest and staunchest fighters. The war, he continued, has raised new problems for the individual chemist, and heavy obligations have fallen upon the Pharmaceutical Society, which has placed its resources so extensively at the disposal of the Government. It had to be realised that the public interest must come first, even if it comes up against the private interests of the pharmacist, though there were instances in which, by care, it is possible to arrange to serve both interests together. Sugar scarcity—now a problem of the past, he was glad to think, for pharmaceutical purposes—had been a recent instance of this sort of accommodation, the craft having now been accepted by the Food Ministry in the category of manufacturers. In the matter of sugar and glycerin substitutes great service had been done to the State, and at the same time the arrangement by agreement between the British Medical Association and the Insurance Commissioners and the Pharmaceutical Society for the issue, before long, of lists of such substitutes to set free much sugar and glycerin ordinarily consumed

pharmaceutically had relieved the craft of many difficulties. On the matter of Insurance Act dispensing, Mr. Neathercoat said it is hoped the position of chemists will be much improved in the 1918 contracts in all respects. The 1918 terms are now, he said, practically ready for presentation to the Commissioners, and though they do not show an elaborate increase they do represent an increase which is fair and reasonable to ask, and very moderate in view of present conditions in other walks of life. Mr. Neathercoat did not suggest that the new terms are anything like really adequate, but he held that they are so reasonable as to be deserving of sympathetic consideration and agreement. The chemists did not propose to take advantage, as they might have done, of the opportunity to press upon the Government any extortionate demand. They did not wish to embarrass the State. Mr. Neathercoat urged still greater unity among chemists, and mentioned a recent attempt to set up a separate organisation in pharmacy for dealing with the Insurance Act problem and to prepare what was called a Minority Report, being a memorial of chemists who are not satisfied with the Council's proposed terms. He did not complain of such pharmacists having their grievance, but they should come through the proper channel—the local Association or Pharmaceutical Committee, or district or panel meetings, or through London conferences or direct to the Pharmaceutical Society. Pharmacists had a right and a duty properly to criticise the Executive Committee's proposals and offer suggestions, but this should be done in the proper way. A kind of postcard vote was being organised by what was called the Progressive Pharmacy Club, a new and separate organisation, which hoped to convince the Commissioners that the Executive's terms were not sufficient. The Pharmaceutical Society was the only body rightly elected and constituted to represent chemists, and there could be no possible good from negotiations with the Commissioners from any other source, while the interests of the whole craft must be endangered by giving any impression of split forces. Mr. Neathercoat was glad to know that the Progressive Pharmacy Club has modified its intentions since its propaganda was exposed recently, and he hoped that those responsible for setting this movement going will realise in time the dangerous and difficult course they might prepare for the craft. A discussion followed. Mr. Rothstein expressed the view that there must be a personal appeal to every chemist in order to get an extra member in Parliament. Mr. Hayes said chemists must be well assured that the fund would be used for both party representatives. Referring to the Progressive Pharmacy Club, Mr. Hayes asked whether, if the "minority report" did get put through the proper channels, it would ever reach the Commissioners, or would be side-tracked. He further asked if the proposed new terms were minimum terms, and what would happen if they were not granted? Mr. Johnson wondered whether, if the terms were not granted, the craft of the whole country would stand as one man in declining to continue. After Mr. Neathercoat had replied to the questions, Mr. F. Pilkington Sargeant, in moving a vote of thanks, said he thought too much importance had been attached to the Progressive Pharmacy Club movement. Its originators were particularly noisy, and noise certainly carried a long way sometimes. But it was a case of what Tommy Atkins called "cannonfage," which simply meant making a butterfly look like an elephant. This was merely a political organisation masquerading as a social. If the Leeds chemists should be asked to subscribe to that Club—as was quite possible—it would be well to know what the Club really was and what the funds were for. He was sorry to say the Chairman of the Club was a member of the Pharmaceutical Council, and had, in a letter in the Society's own "Journal," spoken of the previous week's leading article as a "travesty of the facts." That was another way of calling it a mass of lies, and he (Mr. Sargeant), as Chairman of the Journal Committee, emphatically declared that there was no such travesty, and that the officials of the Society who wrote the article well knew what they were writing, and that it was facts.

Liverpool.—The opening meeting of the winter session of the Liverpool Chemists' Association, which was held at the Royal Institution, Colquitt Street, on October 10, was deprived of its intended festive character owing to the death of Sir Edward Evans. The President (Mr. W. P. Evans), brother of Sir Edward, was of course absent, and the members were received by Mr. W. H. Clubb (Vice-President), assisted by Mrs. Clubb, Mr. and Mrs. L. Moreton Parry, and Mr. and Mrs. D. H. Evans. On taking the chair, the Vice-President paid a tribute to the late Sir Edward, who had been for many years an honorary member of the Association, in which he took a great

interest. The members valued his support and advice, which were always forthcoming when needed. Since the Association last met two other honorary members had passed away—Mr. Peter MacEwan, Editor of THE CHEMIST AND DRUGGIST, and Mr. John J. Evans, another brother of the President; and in each case the Council had tendered condolences, which had been duly acknowledged. As a tribute of respect to the three late hon. members all present rose in silence. A resolution supporting the Pharmaceutical Committee in dealing with Insurance prescriptions was adopted. Mr. Parry advised pharmacists, in applying for sugar, to state carefully the quantities required. Three new members were elected.

London.—The Executive Committee of the London County Pharmaceutical Association met at 17 Bloomsbury Square, W.C., on October 16, Mr. A. R. Melhuish (President) in the chair. It was decided to urge District Associations to forward as soon as possible to the Trade Sub-Committee their reports on the surplus-stock list, so that action may be taken without delay. In a discussion on the supply of sugar to chemists, it was found that the Control Committees in the London boroughs held different views as to the percentage to be allotted, and hopes were expressed that uniformity might be arranged shortly. To avoid clashing with the meeting of the North London Association on October 25, it was decided to postpone the annual meeting for the county till November 1, when Mr. Edmund White will address the meeting. The letter from the Pharmaceutical Society giving the views of the Conference of Representatives on the Insurance dispensing terms for 1918 was formally received. The President had circulated copies to the London members, and his action was endorsed by the Executive. The Election Sub-Committee is to consist of Messrs. Barnard, Keith, Matthews, Shirliff, Breese, Wing, and Sparks, with the President, Vice-President, and Secretary (*ex officio*). The reports of the Trade Sub-Committee, the Pharmaceutical Insurance Sub-Committee, and the Organisation Sub-Committee, were adopted. The last-named recommended "Earlier Closing and the Necessity for a Rota System" as the subject for simultaneous discussion by the District Associations for November.

Manchester.—The opening meeting of the winter session of the Manchester Pharmaceutical Association was held at the School of Technology on October 10, when Mr. Edmund White (President of the Pharmaceutical Society) delivered an address to the members. Prior to the meeting Mr. White was entertained to luncheon at the Midland Hotel. At the business meeting there were about eighty members and friends from Bolton, Eccles, Salford, Tyldesley, Warrington, and other Lancashire towns. Mr. Joseph Bell (President), in a few introductory remarks, said Mr. White would no doubt give them much inside knowledge of the work done at headquarters during his years of office. Mr. White, on rising, was received with great applause. He said the title of his address was rather inappropriate, as he had learned since he arrived in Manchester that they did not believe in having their Presidents in office more than twelve months; he did not know whether that was good or otherwise, but he took it that they found them out in twelve months. (Laughter.) He commenced his address, *My Fifth Year* by saying that it was very gratifying to himself that during his fifth year of office the membership of the Society was at the highest figure it had ever been. After describing the routine work done by the various Committees, he outlined the various schemes dealing with Insurance matters very fully, and explained what had been done and what was in progress to ensure that pharmacists on the panel should receive proper remuneration for Insurance dispensing and for the services they were rendering the State. In passing he paid a tribute to the services which Mr. G. A. Mallinson had rendered to the Society, and was sure they in Manchester would be pleased to learn that Mr. Mallinson (who was of such service to them in Manchester) was thought a great deal of at headquarters. A great amount of good work had been done in Insurance affairs by the Conference held in London and by the setting-up of the link of the Local Associations Committees throughout the country. Then he dealt with educational matters and the necessity of a curriculum. He hoped when they brought forward their idea of a curriculum it would be practicable and more for the needs of the present day than those ideas expounded by the leaders in pharmacy of thirty years ago. He thought it would be much better if boys and girls whilst at school would study the subjects fitting them for their future career. They ought to have a certificate of efficiency when leaving school, fitting them for their future occupation, whether it be pharmacy, engineering, or other professions, without studying when occupied in busi-

ness. Next he dealt with the abuse of the issuing of certificates by the Apothecaries' Society, to which, he said, they had no right. He then mentioned the Ransom Fellowship, and described the steps being taken in connection with the problem of the status of pharmacists and pharmaceutical service in the Army. Sugar and glycerin shortage was next dealt with, and the action now being taken by the Pharmaceutical Society, and the issuing of a Supplementary Codex with new formulae, approved by the British Medical Association and the Insurance Commissioners. Mr. White concluded his speech by referring to the Parliamentary work in connection with the Society, and paid a tribute to the magnificent service rendered by Mr. Glyn-Jones, M.P., for the chemist's cause. Although he would have an excellent successor in the person of Mr. Woolcock, they must not forget that the latter, as well as others, would require all the help and support they could give. Mr. Joseph Bell, in moving a vote of thanks to Mr. White for his excellent and very interesting address, said he was sure after hearing all he had said that he (Mr. White) had the same opinion of things pharmaceutical as they had in Manchester. In fact, what had been done in London was what the Manchester Pharmaceutical Association said ought to be done. Mr. W. Kirkby seconded the vote of thanks and expressed similar views. Mr. J. Rymer Young, Mr. F. W. Bates, J.P., and Mr. Jas. Grier, M.Sc., spoke in appreciative terms in supporting the vote of thanks; and Mr. White suitably replied.

Plymouth.—The annual meeting of the Plymouth and District Association of pharmacists was held at the Association's Library on October 12, Mr. Maitland (President) in the chair. The reports of the Secretary and the Treasurer were adopted. These showed that eight Committee-meetings and one general meeting had been held during the year, and that, after making a donation of ten guineas to the Orphan Fund, there was a balance in hand of 7l. 9s. 6d. The scheme of study for pharmaceutical students at the Technical School day classes had been well supported, but the pharmacy and materia medica classes had to be abandoned for lack of teachers. Messrs. F. E. Turney and White were elected members. The Committee for the ensuing year was elected as follows: Messrs. Ancliffe, Barge, Barratt, Broom, Davey, Elick, Hodge (Treasurer), Maitland, Park, Parkins, R. F. Roper, Spear, Shelton, F. E. Turney, and J. D. Turney; and Messrs. H. Vibert and J. D. Turney were appointed Auditors. A donation of two guineas was voted to the Devon Pharmaceutical Association. The question of subscribing to the Pharmaceutical Parliamentary Fund was left to the Committee. Appreciation was expressed of the Association's Minimum Retail-price List. The Secretary was instructed to obtain further information regarding the sale of methylated spirit and the changes in the price of proprietaries; and the Treasurer and Secretary were requested to solicit the support of apprentices and assistants. Thanks to the President concluded the proceedings.

"Script" Sports Club.—The two final matches of the London Teams' Bowling Tournament took place on September 26 and 27. The South-Western v. Northern contest resulted in a win for the Northern team, the scores being: Northern, 34 and 20; South-Western, 16 and 14. When the Northern team met the Eastern, time would not allow of the completion of the usual game, and the match was ended, by agreement, at the fifteenth lead. By winning by 46 points to 22, the Northern Club becomes the holder of the "Glaxo" Cup, the runner-up being the Western Club. A summary of the Tournament results shows that in five matches played the Clubs won as follows: Northern, 5; Western, 4; Eastern, 3; South-Eastern, 2; South-Western, 1; North-Eastern, 0. The cup and other prizes will be presented to the winners at an early date.

Southport.—The annual general meeting of the Southport Pharmacists' Association was held on October 9, Mr. W. H. Smith (Vice-President) in the chair, when the following officers were elected for the 1917-18 session: President, Mr. W. H. Smith (of J. R. Cave, Ltd.); Vice-President, Mr. Harold Barton; Hon. Treasurer, Mr. Charles Hare; Hon. Secretary, Mr. Robert H. West. A hearty vote of thanks was accorded to the retiring officers. The Secretary read a letter in reference to the Pharmaceutical Parliamentary Fund, and it was decided to defer consideration of the matter until a later meeting. Mr. Righton proposed that, following the precedent of last session, a subscription of 2l. 2s. be sent to the Benevolent Fund on behalf of the Association, and the proposition was carried unanimously. The Secretary reported on the steps taken with regard to the supply of sugar, and also on the course taken by the Pharmaceutical Committee in connection with the suggested alterations in the 1918 Insurance dispensing Tariff.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have rail way carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, October 18, 3 p.m.

Will subscribers please note that for the present the Trade Report closes for press somewhat earlier than usual?

A FAIR AMOUNT OF BUSINESS is reported this week, and there is a firm undertone in the markets generally. Most synthetic chemicals are quiet, however, and buyers hold aloof. Vanillin still tends upwards, and lithia salts and formaldehyde are firmer. Salicylates and benzoates are offered at very reasonable prices. Phenacetin is lower. Saccharin is selling at famine rates from dealers' hands, and cream of tartar is a further 10s. higher; citric and tartaric acids are unchanged. Among drugs, balsams tolu and Peru are becoming increasingly scarce on spot; castor oil is very difficult to buy, and is much dearer. Ipecacuanha is dearer on dwindling stocks and buying for investment. Arca is very scarce. Among seeds, canary is dearer, coriander steady, cumin slow, and dill in good demand.

Higher	Firmer	Easier	Lower
Arca	Cassia lignea	Aloes (Cape)	Cloves
Balsam peru	Copper	Epsom salt	Phenacetin
Balsam tolu	sulphate	Methyl	
Benzoïn (Pal.)	Formaldehyde	salicylate	
Canary-seed	Glucose	Salol	
Castor oil	Linseed oil	Wax, bees'	
Cinnamon	Lithia carb.	(Jam.)	
Copper	Shellac		
sulphate	Vanillin		
Cream of tartar			
Honey			
Ipecacuanha			
Kola			
Rhubarb			
Rosin			
Turpentine			

Cablegram.

NEW YORK, October 17.—Business in drugs is fair. Mexican sarsaparilla has advanced to 60c. per lb., jalap to 40c., and serpentry-root to 40c. Acetanilide is dearer at 60c. Morphine has advanced \$1.00 per oz., and the sulphate is now quoted at \$13.80 per oz.

ACETIC ACID is unchanged, with a restricted business. Considerable quantities have been commandeered by the Government, and a reasonable margin on the purchase price is paid to holders.

ACONITE.—Japanese is offered at 60s. per cwt. on the spot.

ALBUMEN.—Prime Chinese is firm at 3s. 6d. per lb. Chinese *hen yolk* is nominal at 100s. to 105s.

ARCA is extremely scarce, and for a limited quantity of good sound 140s. is wanted.

ARROWROOT.—The sales include 200 barrels St. Vincent at from 52d. to 64d. per lb.

ASPIRIN.—Prices are maintained at from 14s. 6d. for 1-cwt. lots and 15s. for smaller quantities, which figures are considered justifiable in view of present prices of raw materials.

BALSAMS are becoming scarce on spot, with supplies held at higher prices. Tolu is now 2s. 8d. to 2s. 9d. net and

Peru 19s. 6d. Filtered Para Copiba is 3s. 3d. to 3s. 4d., Central American 5s. 4d., unfiltered Maranham 5s. 4d. in casks, and 5s. 9d. in cases.

BENZOATES.—Although spot stocks continue small, several parcels are now landing, soda benzoate offering at from 12s. to 12s. 6d. and benzoic acid at 14s. net.

CAFFEINE.—Second-hands offer limited quantities of pure at from 55s. to 60s. net, and citrate at 32s. net.

CANARY-SEED is dearer, with business in good Morocco at 105s. per quarter.

CASCARA SAGRADA.—Trading is mostly from dealers' hands, who ask from 105s. to 110s. per cwt., and to arrive the price has been cabled easier, and probably 90s. c.i.f. would buy.

CASTOR OIL.—Stocks are in exceedingly small compass, and owing to the commandeering of English pressed there seems to be very little, if anything, of this description available, with holders asking extreme prices. The maximum price of castor oil was fixed by the Government at 80l. per ton, with pharmaceutical quality at 88l., some time ago, but there is nothing available to consumers at these prices. A limited quantity of finest medicinal Italian in cases is offered at 140s. per cwt.

CHAMOMILES are firm at 350s. per cwt. for fair Belgian on the spot.

CHLORAL HYDRATE is relatively cheap, offering at from 8s. 6d. to 9s. per lb. to come forward. American makers are by no means offering freely, and several are sold out until next year, so that there may be a shortage.

CINCHONA.—At the London auction on Tuesday 535 bales Calisaya were offered, and 18 bales sold at 1s. 0½d. for broken quill.

CINNAMON is again higher, firsts offering at 3s., seconds 2s. 9d., thirds 2s. 6d. to 2s. 7d., and chips at 11d. to 11½d. per lb.

CITRIC ACID is unaltered at 3s. 3d. per lb. on spot.

CLOVES have fluctuated between 1s. 9d. and 2s. per lb. closing on Wednesday with spot sellers of fair Zanzibar at 1s. 9d. to 1s. 10d.

COPPER SULPHATE is dearer at from 66l. to 67l. per ton for the usual Liverpool brands.

CORIANDER-SEED is steady at 72s. 6d. per cwt. for fair Morocco.

CREAM OF TARTAR.—Owing to extreme scarcity spot price has advanced to 315s. per cwt., which has been paid.

CUMIN-SEED is slow of sale at 65s. to 67s. 6d. per cwt. for fair to good Morocco.

DILL-SEED is in good demand, with sales of East Indian at 55s. per cwt. and further buyers.

EPSOM SALT is slow of sale and rather easier, good druggists' offering at 21l. to 22l. per ton on the spot.

FENUGREEK-SEED is selling at 42s. 6d. to 43s. 6d. per cwt., according to quantity.

FORMALDEHYDE is firmer at from 127l. 10s. to 130l. per ton on the spot for 40-per-cent. volume.

GENTIAN is quiet, with sellers of fair at 80s. per cwt. on the spot. In the drug auction 37 bags of ordinary were retired at 85s.

GLUCOSE is firmer, with American crystal corn syrup offering at 49s. 6d. for October-November delivery, ex store.

GUAIACOL CARBONATE is offered at from 125s. to 130s. net, as to holder.

GUM ACACIA.—Fair Kordofan sorts are quoted at from 82s. 6d. to 85s. on spot. The imports of gum acacia during September were 35,737 cwt., against 8,580 cwt. in September 1916.

HELLEBORE.—Powder is offered at about 35s. per cwt. on the spot. In auction five cases (in prize) were limited at 1s. 1d. per lb.

HEXAMINE.—Consumption has declined considerably of late, with spot sellers quoting about 3s. 8d. to 3s. 9d. per lb. net.

HYDROQUINONE is comparatively cheap at from 10s. 6d. to 11s. per lb. net on spot.

INSECT-FLOWERS.—Fair Japanese closed offer at 160s. per cwt. on the spot.

LINSEED OIL is firmer, London spot naked closing at 57s. 9d. net; October delivery in barrels is 62s. 3d. and November 62s. 9d., old terms.

LYCOPODIUM is quiet at 5s. 9d. per lb. net on spot.

MALE FERN EXT.—Genuine is offered at about 30s. per lb. on the spot.

MENTHOL is quiet, with spot offering at from 13s. 3d. to 13s. 6d. per lb. for Kobayashi-Suzuki. In the drug auction five cases of Suzuki were held at 13s. 6d. per lb.

METHYL SALICYLATE is on the easier side, offering at from 4s. 6d. to 4s. 9d. net on the spot, as to seller. It should be worth stocking at these prices.

MILK-SUGAR.—In one quarter another 10s. per cwt. has been added to the asking price, making the quotation for

Dutch 275s. per cwt., but in another direction there are still sellers at 265s.

MINT OIL remains at from 3s. 7d. to 3s. 8d. for Japanese demethylated on spot for the premier brands.

OTTO OF ROSE.—The Bulgarian "Utro" (August 16) reports a good demand, and the price has risen to fr. 10 to fr. 11 per muskal of five gr., and there is a tendency to a further rise. Shortage of labour prevented the white roses from being gathered this year, and has caused a reduction in the quantity of oil produced.

PEPPERMINT OIL.—Quiet, with American in tins in cases offering on spot at 16s. to 16s. 6d. net, as to brand and seller, and in some quarters a trifle under these prices will buy. H.G.H. has been sold at 21s. 9d. for near at hand, while spot parcels command 22s. London terms. English peppermint oil is obtainable at 70s. net in limited quantities.

PEPPERS have been firm but quiet, with fair black Singapore offering on the spot at 1s. 3d. and Tellicherry at 1s. 3½d. White Singapore is nominal in the absence of sellers, with buyers of fair at 1s. 5½d. Muntok has been sold at 1s. 6d. to 1s. 6½d., with further sellers.

PETROLEUM is firm at last week's reduction to 1s. 7½d. for ordinary refined American and 1s. 8½d. for water-white on spot.

PHENACETIN is rather cheaper at from 50s. to 55s. per lb. net on the spot, and forward delivery can be had at less.

POTASHES are nominal in the absence of stocks, and nothing appears to be coming forward.

RESORCIN is offered at from 62s. 6d. to 65s. per lb. net on spot as to seller.

SACCHARIN.—We understand that everything is being done to hasten the production in this country, so that at the present dangerously high level of prices buyers would be wise to buy from hand-to-mouth only. From dealers' hands small sales are being made at from 395s., but such is the scarcity that up to 410s. is now asked.

SALICYLATES are not too plentiful, B.P. salicylic acid powder being worth 6s. 9d. to 7s., and sodium salicylate powder about 9s. to 9s. 3d.

SALOL is on the easier side, offering at from 10s. to 10s. 3d. per lb. on the spot.

SENEGA.—Spot holders quote 4s. 3d. per lb. net, but at the moment 1d. under this price would buy.

SHELLAC.—Although business is small the market is firmer, with the usual standard quality TN Orango quoted at 235s., and blocky AC Garnet is 250s. Futures are dearer. SULPHONAL.—Several sellers maintain the previous price of 42s. 6d. net for powder or crystal.

TARTARIC ACID is unaltered at 2s. 11d. per lb. on spot.

TURPENTINE.—A good business has been done, both spot and forward, at a substantial advance, American closing at 77s. 6d. per cwt.

VANILLIN is still advancing, from 52s. 6d. to 55s. per lb. net being quoted.

London Drug-auctions.

Commercial Sale Rooms,
Mining Lane, E.C. 3, October 18.

At the monthly auction held to-day a fair quantity of drugs offered, for which there was a moderate demand. Cape aloes sold at slightly easier rates than those paid privately. Sumatra benzoin is scarce, and the lot offered had been sold privately, while for Palembang, which is also very scarce, a further advance of 10s. is asked. Cardamoms still fail to attract attention. Cascarasagrada (in prize) sold at steady rates, and a further advance is asked for selected calumba. Siam gamboge was neglected, but the previous high prices are asked. Honey of all descriptions met with a keen demand, and prices showed an irregular advance of from 10s. to 15s. per cwt., especially on the commoner grades. Ipecacuanha was firm, but the market does not yet come quite up to private ideas. Kola sold at an advance of 2d., and myrrh has been dealt in privately at previous high rates. Rhubarb has been advanced privately, but no public business was done. There were no buyers of grey Jamaica sarsaparilla, which was held for a further advance. Tinnevely senna was neglected, and has an easy undertone. Bees' wax is quiet, Jamaica being on the easier side. The following table shows the quantity of goods offered and sold:

	Offered	Sold		Offered	Sold
Aconite (Jap.) ...	16	0	Aniline oil ...	(cks.)	9
Almonds ...	20	*20	Aniline-salt ...	(cks.)	19
Aloes—			Anise oil, star ...	20	0
Cape ...	40	30	Anise, star ...	60	0
Socotrine and ...			Anatto-seed ...	135	0
Mocho ... (kgs.)	42	1	Apricot-kern. ...	30	*30
Zanzibar ... (cs.)	14	1	Buchu ...	4	0
Ambergris ... (tlms)	3	0	Calumba ...	113	0
Ammoniacum ...	1	0	Camphor oil ...	50	0

* Sold privately.

	Offered	Sold		Offered	Sold
Benzoin—			Henna ...	5	5
Palembang ...	23	0	Invert-sugar ...	(cks.)	3
Siam ...	10	0	Jalap ...	10	0
Sumatra ...	14	*14	Kola ...	313	62
Cannabis ind.—			Kamala ...	10	0
African ...	43	0	Lycopodium ...	(cwt.)	5
Cantharides ...	6	0	Maté-tea ...	25	25
Cardamoms ...	76	0	Menthol ...	5	0
Cascarasagrada ...	179	30	Myrrh ...	20	*4
Cashew-nuts ...	12	*12	Nux vomica ...	128	0
Cassia fistula ...	19	0	Oilbanum ...	133	0
Chiretta ...	75	0	Orange-peel ...	4	0
Civet ... (hrms.)	7	0	Orchella-weed ...	4	0
Coca-leaves ...	47	47	Quillaia ...	60	0
Cochineal ...	11	0	Quince seed ...	3	0
Colocynth ...	4	4	Rhapontica ...	42	42
Condurango ...	3	3	Rhubarb (Ch.) ...	57	*2
Coriander-seed ...	100	0	Sage, rubbed ...	50	0
Cubeb ...	99	0	Sandarac ...	5	0
Cuttlefish-bone ...	72	0	Sarsaparilla—		
Dragon's-blood ...	21	5	Grey Jam. ...	16	0
Elemi ...	41	0	Lima-Jam. ...	13	4
Ergot ...	57	2	Honduras ...	3	0
Euphorbia pil. ...	17	0	Native Jam. ...	8	0
Gall. (Ch.) ...	10	10	Scammony-root ...	211	0
Gamboge ...	13	0	Scopolia ...	1	0
Gentian ...	60	0	Senega ...	9	0
Guaiaacum ...	1	0	Senna and pods—		
Gum acacia ...	102	0	Alex. ...	116	0
Hellebore-powder ...	5	0	Tinnevely ...	690	64
Henbane ...	26	9	Squill ...	38	10
Honey—			Stramonium ...	12	0
Argentine ...	97	97	Sulphur-roll... (pkgs.)	25	0
Chilian ...	250	121	Terpineol ...	24	0
Cuban ...	491	391	Tiger-nuts ...	1	0
Dominican ...	25	25	Tragacanth ...	268	219
Hayti ...	347	331	Turmeric ...	490	0
Jamaica ...	174	142	Wax (bees)—		
San Domingo ...	13	*13	Chilian ...	20	0
West Indian ...	24	0	East Indian ...	127	0
Ipecacuanha—			Jamaica ...	42	13
Cartagena ...	8	0	Morocco ...	46	0
Matto Grosso ...	21	11	Mozambique ...	83	66
Minas ...	8	1	Zanzibar ...	54	0

ALOES.—Cape, the only description which was sold, was rather easier, 30 packages being disposed of, comprising good seconds at from 51s. 6d. to 52s.; fair seconds, slightly cindery and softish, 47s. 6d.; dull softish ditto, 45s.; drossy and dull seconds, 43s.; and soft seconds, 40s. per cwt. A bid of 56s. was refused for good firsts, the limit being 60s.

ANILINE SALTS.—Nineteen casks of pure English were held for 1s. 4d., a bid of 1s. 2d. being refused; and for nine casks of aniline oil lying at Bradford 1s. 3d. was wanted.

BENZOIN.—The only parcel of Sumatra catalogued (14 cases) had been sold privately; it consisted of good almondy seconds, for which 9d. was wanted; 10 cases good Siam seconds, almonds in loose block, were limited at 24d. 5s.; and for 22 cases Palembang thirds, with false-packed sides, 6d. 10s. was asked—an advance of 10s. Sumatra and Palembang benzoin is now very scarce.

BUCHU.—Only four bales offered; for fair greenish round, slightly stalky, 6s. 4d. was wanted, and very stalky and partly yellowish 6s.

CALUMBA.—A parcel of 99 bags of ordinary natural sorts was withdrawn, while for 14 bags of small to bold yellow washed, slightly wormy, 140s. was asked.

CASCARA SAGRADA.—A lot of 79 bales (in prize) offered, and 30 bales sold at from 102s. to 103s. for fair, imported in August 1917.

COCA-LEAVES.—A lot of 47 packages of Java sold at irregular prices, from 11d. to 1s. 1d. being paid for broken leaf, from 8½d. to 9½d. for powdered, and 9d. to 9½d. for brownish siftings.

COLOCYNTH.—Four bales of Syrian pulp slightly sea-damaged sold at 10½d. per lb.

CONDURANGO.—Three bales oil-damaged sold for account of whom it may concern without reserve at from 3d. to 3½d. per lb.; privately, sound is 10d.

CUBES still maintain their previous price of 18d. per cwt., but rather larger quantities are now on offer.

CUTTLE-FISH.—Fair small to bold East Indian sorts obtainable at 9d. per lb., at which price private sales have been made.

DRAGON'S-BLOOD.—Of good Zanzibar drop there was a fair quantity on offer at 12d.; for five cases of dull Singapore slab 8d. 10s. was paid, being steady.

ERGOT.—Two bags damp Portuguese sold at 2s. 5d. per lb. net.

GALLS.—Ten cases of plum-shaped Chinese sold at 135s.

GAMBOGE.—Quiet. For five cases of good Siam slightly blocky pipe 35d. was wanted, and for seven cases of ordinary very blocky damp and partly drossy Siam pipe the limit was 32d., and ditto mixed with Saigon 27d. per cwt. There were no buyers. The goods in question can only be sold for export or for use in this country for druggists' purposes.

HENBANE.—Nine bales of third-class sea-damaged sold without reserve for account of all whom it may concern at 165s. per cwt., the test being 0.75 per cent. The value of sound is from 250s. to 300s. per cwt.

HENNA.—Five bales of fair sold at 57s. 6d. per cwt.

HONEY met with good general competition, and practically all the offerings were disposed of, prices advancing from 10s. to 15s. per cwt. on the previous public sale, the rise being especially marked on the commoner grades. The following prices were paid: *Jamaica*, fine pale set, 102s. to 105s.; good pale set and setting in barrels, 99s. to 100s. 6d.; pale amber, 96s.; brown set and setting, 95s. to 102s.; good amber liquid, 99s. to 100s.; darker ditto, 95s. to 96s.; very dark to darkish liquid, 97s. *Cuban*, fine pale set in casks, 109s.; nice pale banana set and setting in casks, 103s. to 108s.; yellow to yellowish set, 99s. to 105s.; fair to good brown set, 96s. to 102s.; inferior dark and dirty liquid, 87s. to 95s.; fermenting, 88s. to 91s. *Hayti*, fine pale set and setting, 106s. 6d. to 108s.; nice yellow to yellowish set and setting, 98s. to 105s.; fair amber liquid, 106s.; brown liquid, 92s. to 97s. 6d.; dark liquid, 80s. *Chilian*, good pale to polish setting in small kegs, 102s. 6d. to 103s.; ullaged, 101s. 6d. *Dominica*, 25 cases of very dark liquid offered and sold at 99s. *Argentine*, 97 packages offered and sold, including nice pale set in casks and kegs, 101s. to 104s.; yellow set in kegs, 96s.; and white set in barrels, 103s. to 105s. *San Domingo*, 13 casks of brown set catalogued had been sold privately. Privately there has been a revival in the home-trade demand at advanced prices, the sales including white *Chilian* at up to 100s., *Cuban* at 82s. 6d. to 90s., *Californian* in cases at 100s. to 105s., and at 87s. c.i.f. (war risk extra) for light amber in 50- to 100-case lots.

IRECACUANHA was firm, 12 bales of *Matto Grosso* being disposed of, including fair bright, part slightly mouldy, at 11s. 6d., and sea and country damaged, slightly mouldy, at from 11s. 2d. to 11s. 4d., inferior wiry at 10s. 10d. to 11s. For good bright sound a bid of 11s. 9d. is to be submitted, the limit being 12s. Of *Minas*, eight bales offered, and one slightly sea-damaged sold at 11s., 11s. 9d. being wanted for the sound. Of *Cartagena*, eight cases of good bright offered, for which 11s. was wanted, but a bid of 10s. 6d. is to be submitted for several cases.

KOLA sold at an advance of 2d. per lb., 62 packages of *Java* selling at 8½d. per lb. for good bright, this price also including mouldy, and for a bag of *African* quarters 8½d. was paid. Good *Java* halves were retired at 10d. Slightly less will buy. A further two bags from *Dominica* sold at 8½d. for fair.

MATE (PARAGUAYAN TEA).—A lot of 25 cases sold at 6d.

MYRRH.—Small sales have been made privately at 10½ for fair *Aden* slightly blocky sorts, and this price was asked for a few packages in auction. Dark bold chips were held at 7½ 10s., and dark small brown siftings at 6d. 10s. per cwt.

RHUBARB was quiet in auction, but privately higher prices have been paid. For small to bold flat High-dried with three-quarters fair pinky colour the price is now 2s., this being asked in auction to-day. For bold round *Canton* with three-quarters fair pinky fracture 2s. 6d. was wanted, and this price was also asked for small round and trimming *Canton*. Bold round horny High-dried with three-quarters pinky fracture was limited at 1s. 4d., at which sales have been made, and for small and medium ditto 1s. 3d. was wanted.

SARSAPARILLA.—Quiet. Sixteen bales of good grey *Jamaica* offered and retired at 4s., no bids being made. Of *Lima* *Jamaica* 13 bales offered; all more or less mouldy, and four sold at 3s. 3d., oil-damaged going at 3s. per lb. Five bales native *Jamaica* were bought in, from 2s. 4d. to 2s. 5d. being wanted for red and yellow mixed to good pale red. Privately small sales of native *Jamaica* have been made at 2s. 3d.

SENEGA.—Four bales of fair average were limited at 4s. 3d., and five bales of hand-picked were retired at 7s. 6d. per lb.

SENNA is quiet, with an easy undertone. Forty-five bales *Tinnevely* sold at 4½d. to 4¾d. for middling greenish, 12 bales partly sea-damaged at 4d. to 4½d., and inferior yellowish 3½d. *Pods* sold at 2½d. per lb. for dark. Good pale *Alexandrian* *Pods* were held at 3s. to 3s. 6d., and fair slightly broken leaf at 3s.

SQUILL.—A lot of 10 bags of ordinary reddish sold at 50s., good pale being retired at 70s. per cwt.

TRAGACANTH.—A lot of 219 bags *Persian* hog sold at from 12½ 10s. to 12½ 15s. per cwt., at 5½ subject for pale brown, and at 70s. subject for dark pickings.

WAX, BEES.—Quiet. *Jamaica* being easier, 12 packages selling at from 11½ 10s. for dark up to 11½ 15s. per cwt. for fair mixed colours. Of *Dominica*, five boxes of grey and brown sold at 10½; 66 packages of fair brown but dark *Mozambique* block sold at 9½ 12s. 6d. to 10½.

German Chemical and Drug Markets.

According to the "Chemiker Zeitung," the following prices were current at the end of July 1917, the values being per 100 kilos, except where otherwise indicated: Acetylsalicylic acid, m.720 to m.780; antifebrin, m.550 to m.580; phenazone, m.33.50 to m.35.50 per kilo.; calomel, m.1,600 to m.1,800; quinine sulphate (German), m.94.25 to m.96.25 per kilo.; D.A.B., m.113 to m.115 per kilo.; chloral hydrate, crystals, m.5 to m.5.50 per kilo.; chloroform, pure, m.520 to m.700; cocaine hydrochlor., m.300 to m.310 per kilo.; codeine, pure, m.835 to m.860 per kilo.; caffeine, m.57.50 to m.60 per kilo.; gelatine, m.550 to m.600; guaiacol, m.18.50 to m.19.50 per kilo.; guaiacol carb., m.18 to m.20 per kilo.; hexamine, m.1,050 to m.1,100; iodoform, m.40.75 to m.41.50 per kilo.; creosote, D.A.B. V., m.475 to m.500; milk-sugar, m.275 to m.300; morphine hydrochl., from m.735 to m.745 per kilo.; paraldehyde, m.5.50 to m.6 per kilo.; pepsin, D.A.B. V., m.6.20 to m.6.50 per kilo.; phenacetin, m.11 to m.12 per kilo.; pilocarpine hyd., m.77 to m.80 per 100 grams; salol, m.6.75 to m.7 per kilo.; santonine, m.310 to m.330 per kilo.; strychnin nitrate, m.85 to m.88 per kilo.; sulphonal, m.33.50 to m.35 per kilo.; theobromine, pure, m.100 to m.104 per kilo.; thymol, crystals, m.85 to m.90 per kilo.; veratrine, pure, m.260 to m.270 per kilo.; bismuth subgallate, m.36 to m.39 per kilo.; bismuth subnitrate, m.40.50 to m.44.50 per kilo.; aniseed, Bulgarian, m.520 to m.550; copaiba balsam, technical, m.900 to m.1,000; D.A.B. V., m.950 to m.1,050; Peru balsam, from m.85 to m.90 per kilo.; tolu balsam, natural, from m.1,450 to m.1,650; Calabar beans, m.350 to m.400; cascara sagrada, m.630 to m.660; cinchona-bark, from m.350 to m.380; chrysanthemum-flowers, from m.300 to m.350; coca-leaves, Truxillo, from m.200 to m.250; condurango-bark, m.350 to m.380; gamboge, from m.850 to m.950; jalap (resin), m.55 to m.60 per kilo.; jalap (root), m.425 to m.480; lycopodium, m.800 to m.850; matico-leaves, m.280 to m.300; pot. chlorate, m.235 to m.250; pot. ferrocyanide, m.260 to m.270; pot. permanganate, cryst., m.360 to m.400; pot. cyanide, m.185 to m.200; pot. carbonate, m.75 to m.80; pot. sulphide, m.100 to m.105; calcium carbonate, m.65 to m.70; calc. hypochlorite, m.26 to m.28; copper sulphate, m.67 (maximum price); lithium carb., pure, m.65 to m.70 per kilo.; D.A.B. V., from m.80 to m.85; magnes. oxide, m.165 to m.225; magnes. carb., m.70 to m.75; magnes. sulphate, m.8 to m.8.50; soda silicate, m.24 to m.26; soda bicarb., m.32 to m.38; soda hydrate (caustic), m.28 to m.38; soda perborate, m.11.50 to m.12; soda thiosulphate, m.48 to m.50; soda, calcinated, 98 to 100 per cent., m.16.50 (maximum price); cryst., from m.8.75 to m.11; phosphoric acid, m.325 to m.350; hydrochloric acid, 20 p.c., m.8.75 to m.9 (max. price); carbon disulphide, m.158 to m.160; silver nitrate, m.145 to m.150 per kilo.; strontium nit., m.115 to m.120; corrosive sublimate, m.1,600 to m.1,650; ergot, m.625 to m.650; myrrh, natural, m.800 to m.850; opium (10 per cent. of morphine), m.95 to m.98 per kilo.; quillaia (cut), m.650 to m.1,500; rhatany, m.225 to m.250; rhubarb, High-dried, m.600 to m.650; sabadilla, m.775 to m.800; senna-leaves, m.650 to m.700; ceresin-wax, m.650 to m.675; paraffin, m.p., 56° to 58° C., m.625 to m.650; alum, lump, m.59 to m.62; powdered, from m.51 to m.54; ammon. carb., m.155 to m.165; ammon. chlor., crystals, technical, pure, m.150 to m.175; ammonia, liquid, m.95 to m.98; barium nitrate, m.160 to m.165; bromine, m.300 to m.350; ammon. bromide, m.340 to m.380; pot. bromide, m.250 to m.280; sodium bromide, m.310 to m.350; zinc chloride, m.140 to m.160; ferric chloride, crystals, m.58 to m.60; iron oxide, ammonium, m.3,500 to m.3,600; ferrous sulphate, m.26 to m.28; iodine, resublimed, m.40 to m.41 per kilo.; potassium iodide, m.28 to m.28.50 per kilo.; sodium iodide, m.31.50 to m.32 per kilo.; aluminium sulphate, m.55 to m.60; hydrogen peroxide, m.35 to m.38; ethylic ether, pure, duty-free, 0.722, m.215 to m.230; formic acid, pure, 50 p.c., m.120 to m.130; anil acetate, m.725 to m.750; benzoic acid (ex-toluol), m.775 to m.800; butyric acid, 50 p.c. pure, m.260 to m.280; citric acid, lead free, m.35 to m.55; coumarin, m.60 to m.65 per kilo.; acetic acid, 98 to 100 p.c., m.260 to m.280; lead acetate, m.260 to m.280; aluminium acetate solution, m.38 to m.40; hydroquinone, m.2,100 to m.2,300; mannite, m.34 to m.35 per kilo.; oxalic acid, m.125 to m.130; phenolphthalein, m.20 to m.22 per kilo.; pyrogallol, pure, m.3,100 to m.3,200; resorcin, pure, cryst., m.17 to m.18 per kilo.; salicylic acid, cryst., from m.4.20 to m.4.60 per kilo.; precipitated, from m.3.80 to m.4.20; sodium salicylate, powdered, m.4.40 to m.4.80; crystals, m.4.80 to m.5.00 per kilo.; tannin, pure, m.950 to m.970; terpin hydrate, m.1,500 to m.1,600; carbon tetrachloride, m.220 to m.240; tartaric acid, lead free, cryst., m.1,500 to m.1,500; cream of tartar, c.p., m.900 to m.1,800.



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Drug Tariff Terms.

SIR,—Now that the cards are being laid on the table, and it is evidently the desire of the writer of the editorial article on "Representation" in the "Pharmaceutical Journal" to achieve absolute accuracy, we should like to give him another item to add to his debit side (that is, not the Local Associations Executive). At the Newcastle meeting of delegates representing the N.E. pricing area, it was proposed that, instead of the 3.5d. fee suggested by the L.A.E., it should be 4d., but an amendment, that it should be 3.5d., plus the establishment-charge of 1.1d., making it 4.6d., was carried unanimously. Three delegates were elected to attend the Central Conference, at which they did not represent the verdict of the area which sent them, but apparently voted for the 3.5d., and by so doing they absolutely misrepresented those they were elected to represent. If the delegates at other district meetings were mesmerised as ours were at the Conference, is there any wonder that the panel chemists of the country appear to be satisfied with the terms which the L.A.E. propose? We are confident they are not. To be in the minority does not prove that you are wrong. For example, let us remind you of Scotland, which stood out and was victorious.

Yours etc.,

EDGAR M. CHAPMAN,
GEO. WHITFIELD,

Delegates from North Riding of Yorkshire at District Meeting at Newcastle.

SIR,—In accordance with the decision of the meeting under the auspices of the Progressive Club I presented the memorial to the Local Associations Executive on October 12. I was assured that it would be made known to the Commissioners that a strong body of pharmacists is dissatisfied with the officially suggested terms as being inadequate to meet the needs of the situation. The memorial will not be presented to the Commissioners. I cannot pretend to be satisfied with the result of the effort to get remuneration commensurate with the skill and time required, but a large number who strongly supported us originally withdrew owing to action which it is admitted now was based upon expectation rather than knowledge. On the personal side I wish to draw a veil, as most of what was said arose from pure misunderstanding, but I should like to make it perfectly clear that our Anderton's Hotel meeting failed owing to the air-raid which was in progress when the meeting should have been taking place and means of transit were stopped. The official circular to London chemists, in most cases at least, did not arrive until the next day.

HERBERT SKINNER, Chairman of the Meeting.

SIR,—The initials "P.P.C." have acquired a new significance. In my younger days we used to write "P.P.C." on our visiting-cards when we went to bid our friends a long good-bye, and the rather whimsical notion occurred to me in reading a recent report that our worthy pharmaceutical councillors, if they do not mend their ways, would ere long be invited *pour prendre congé*, else the other P.P.C. will want to know the reason why. Anyway, the new P.P.C. means business, and being composed of ardent spirits, who have taken up National Health Insurance dispensing remuneration, not because it naturally falls into the scope of the Club's duties, but purely as an altruistic movement on behalf of many of its members, I shall be surprised if they do not see it through. Moreover, they are not anarchists, as is proved by the resolution to work along with the Local Associations Executive. The pity of it is that the Pharmaceutical Council seems inclined to drive a wedge between the L.A.E. and the memorialists, but fortunately without apparent result. The hostile attitude of the Society's officials is more than likely to act as a boomerang.

Yours sincerely,

REX. (91/46.)

Parliamentary Representation of Pharmacy.

SIR,—Your contributor "Xrayser II." appears to lose sight of the fact that, the British Constitution being what it is, there is only one way in which particular interests—

as those of pharmacy—can be represented at Westminster, and that is by making a representative speak for two constituencies—the territorial and the technical. There is not the slightest danger—a danger which "Xrayser II." appears to dread—that the representation of particular interests in this way will some day bring about the suspension of territorial representation. However, leaving political speculation alone, nothing can be more certain than this—that it behoves us, for every possible reason, to secure as full representation at Westminster as possible in any way which the elasticity of the Constitution permits. "Xrayser II." is wrong when he says that a man represents Hackney and not pharmacy; the truth is that he represents both. And why not? Where can any possible incompatibility arise? Let us suppose that the Tories put him in for Hackney—there are no Tories or Radicals in his pharmaceutical constituency, but only pharmacists. Hence it is difficult to see how any conflict can arise between the duties imposed by the two representations. If we are in earnest about our interests and about our future, we shall not turn aside to indulge in logie-chopping upon the philosophy of dual representation; we shall simply make the most of our opportunities by having the weightiest possible representation inside the House. One word in conclusion. I think "Xrayser II." is wrong in thinking that the Pharmaceutical Society will never be a constituent body; there are very good reasons for thinking otherwise; and if anyone wants a "mission," let him work to secure this very end.

Yours faithfully,

R. CECIL OWEN.

Chester.

Women Workers.

SIR,—"Xrayser II." shifts his ground. I am sorry I have no time to follow him, nor have you space to spare, but I would just like to say that I have absolutely no confidence in the statement of a forewoman who excuses her own faults and failure to give proper supervision over her work by blaming the workers. This sort of thing does not cut any ice with sensible people. I have shown "Xrayser II.'s" observation to a gentleman who employs hundreds of women, and his experience is such that he considers the indiscriminate way in which blame is placed on the women is quite unfair.—Yours truly,

A MERE MAN. (89/7.)

SIR,—I think that the amount of salaries paid to women—or men—dispensers can be pretty well ascertained by looking through the advertisement columns of the *C. & D.*, and that the minimum salary mentioned by Miss Forster will be found to be a very near approach to the maximum salary ever received—a salary comparing very unfavourably with what is being paid for ordinary clerical labour even where no technical or skilled knowledge is required. Apart from remuneration, I think that the work of dispensing compares badly with most others. A large proportion of dispensers are engaged by doctors in private practice. For those so engaged the conditions are worse than any other. The hours are usually from 9 A.M. till 9 P.M., or later, with a few hours off duty during the day. There is generally a certain amount of work required to be done on Sundays and Bank holidays, while anything in the way of a weekly half-holiday is very rare indeed. Apart from salary and hours of duty there is generally much to be desired. A doctor's surgery from the patient's point of view may appear to possess average comforts and conveniences, but a peep behind the scenes will generally reveal quite a different state of things. Any odd corner partitioned off from some odd room is considered quite good enough for a dispensary. Any arrangements for warmth in winter or ventilation in summer are thought to be unnecessary, while a very occasional and extremely cursory "flick round" of a broom is all that is necessary in the way of cleanliness. Compare these conditions with the average conditions of a girl engaged in an office, and I think there will not remain much inducement to take up "dispensing as a profession."

A DISPENSER. (16/10.)

Salicylic-acid Prices.

SIR,—It has recently come to our knowledge that salicylic acid (and in some cases sodium salicylate) is offered much lower than the current market price by very irresponsible agents, and it occurs to us that it would be in the interest of your readers were they warned not to place reliance upon offers of this description. It seems that these so-called agents offer goods with nothing more substantial than a "hope" that when they get a buyer the offer will be accepted, and as a rule the goods are supposed to come from America.—Yours faithfully,

Southall.

LONDON CHEMICAL WORKS, LTD.

RALPH J. PUGH, Director.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

The Supply of Narcotics.

Suggestions were invited (*C. & D.*, October 13, p. 51) as to the course a chemist should take in cases where customers have been in the habit of obtaining large quantities of laudanum and chlorodyne.

S. C. (14/10) suggests that the customer should try very gradually to reduce the amount taken for a dose.

P. P. (16/9) thinks that if the chemist has taken over a business where the practice referred to is in vogue he should take the opportunity of at once stopping the supply. He should tell the customer, "It is a class of trade I do not do."

Jehu (91/41) does not think that so long as the chemist conforms with the Pharmacy Acts when he sells the narcotics his duties go any further. The customer may have been ordered to take the drug by a doctor, or it may be taken to ease the pain of a malignant disease. Care should be taken not to brand the chemist as morally negligent—no cannot possibly be responsible for the destination and uses of everything he sells.

Lotio Sulpho-Calamina.

Scottish Pharmacist (14/10), referring to the request (*C. & D.*, October 13, p. 61) for information regarding lotio calaminæ ex sulphure (Walker's), writes: "I have no doubt that the preparation intended is lotio sulph. et calamin. (Edinburgh Royal Infirmary Pharmacopœia), which is given in 'Provincial Hospital Pharmacopœias' as lotio sulpho-calamina. The formula is—

Sulph. præcip.	3j.
Calam. præp.	3ij.
Zinc. oxid.	3j.
Glycerin.	3j.
Aq. dest. ad	3iv.

"Walker's" refers to Dr. Norman Walker, the Edinburgh dermatologist."

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

H. J. S. (153/45).—A man dies intestate leaving a widow and two children. Is the deceased's brother entitled to any part of the estate? [The brother has no claim.]

Disco (154/15) asks whether he should take away his certificate of qualification which hangs in the shop he manages every time he goes to dinner and tea. [This would be reducing the exhibition requirement of the certificate of qualification to an absurdity, and is not necessary. During "Disco's" absence at meals care should be taken that no statutory poisons are sold by unqualified persons. If the management were not a *bona-fide* one there might be grounds for prosecution.]

York (158/14) has a quantity of farina which he desires to make into caramel. In the course of the manufacture he will produce dextrose (glucose), but it is not intended to have a break at that stage, but to continue the process until caramelisation of the dextrose solution is sufficiently effected. He is informed by the local Excise officer that in doing so he makes himself liable as a glucose-maker to take out a licence (L.) and to pay glucose-duty on the glucose produced. He wishes to know if this is so, and, in the event of his being liable, whether there is any other way of making caramel which would not subject him to the liability to Excise-duty on glucose. [In our opinion our correspondent would be liable as a glucose-manufacturer to take out the licence and to pay the duty which is chargeable on British-made glucose. He would also have to obtain the approval of the Commissioners of Customs and Excise to the premises intended to be used, and to comply with the statutory regulations as to the mode of working, provision of plant, etc. We are not aware of any method by which commercial caramel can be produced other than by heating a substance which is chargeable either with the Excise or the Customs duty on glucose or on sugar. If, however, our correspondent has any method of making caramel which will avoid the production of sugar or of glucose (liquid or solid), it may be worth his while to apply to the Commissioners of Customs and Excise to know on what terms he can do it.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

W. S. T. (149/19).—DENTISTS ACT COMMITTEE.—You should communicate with Mr. J. D. Carse, 233 Woodstock Road, Belfast, who is Hon. Secretary of the Dental Society of Ireland, and whose letter on this subject was printed in the *C. & D.*, September 29, p. 51.

A. E. F. (152/55).—IRON CEMENTS.—The use of these cements is limited, and they would not be of any use in repairing a breakage in a motor-cylinder. The only satisfactory method of repair in this case is by welding or autogenic brazing.

H. F. M. (155/22).—BEEF-AND-MALT WINE:

Extract of meat	3iv.
Extract of malt	3vii.
Port wine	Cong. j.

Rub down the extracts with a pint of the wine and add to the rest. Shake, set aside for fourteen days, decant, and filter the sediment.

W. S. T. (158/21).—BOOK ON SKIN-DISEASES.—Walker's "Introduction to Dermatology" (Wright & Co., Bristol, 9s. 6d.) is a useful book at a moderate price.

W. L. G. (158/15).—DRY-SHAMPOO LIQUID.—The following is from "Pharmaceutical Formulas," but with the present scarcity of spirit it hardly comes within your request for a "cheap" product:

Strong solution of ammonia ...	3ss.
Oil of bitter almond	mxv.
Tincture of quillaia	3iij.
Lavender-water	3v.
Rectified spirit to	3xij.

The shampoo must be made with spirit, and without water. Any perfume may replace the lavender.

Formule for a saponaceous liquid were given in the *C. & D.*, June 24, 1915, p. 62.

C. G. (159/13).—The only book we know of with a title like the one you give is Leftwich's "Pocket-book of Treatment" (Arnold, 6s.).

S. O. (157/74).—The condition you describe appears to be *impetigo contagiosa*. It is very infectious, and the victims of it should have towels, etc., reserved for themselves. The best treatment is to remove all scabs with hot bathing or starch poultices, and rub into the sores gently an ointment made of hydr. ammon. gr. v., paraffin. moll. flav. 3j.

J. W. N. (148/7).—DESTRUCTION OF COCKROACHES.—We cannot add anything new to the rather full account of the methods of destroying and dispersing cockroaches which was published in the *C. & D.*, July 29, 1916, p. 795.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Oct. 15, 1867.

Effervescing Citrate of Magnesia.

Mr. Dymond's paper [before the British Pharmaceutical Conference] on the popular preparation known as granular citrate of magnesia, and his proposed substitute for it, gave rise to an interesting discussion on the questionable propriety of applying deceptive names to medicinal compounds. The high motives influencing the writer of the paper were fully appreciated by the meeting, but the general impression appeared to be that Mr. Dymond had protested too strongly against the use of the conventional name of "Granular Citrate of Magnesia." Mr. Deane expressed his hearty approval of the author's condemnation of the growing practice of calling things by wrong names. Mr. Brady said that Mr. Dymond had made chemists appear worse than they really were. The name which had been objected to described with sufficient accuracy the original article, and had stuck to the effervescent preparation after the omission of the salt of magnesia. Mr. Schacht thought that the British Pharmacopœia afforded many instances of the application of names not strictly accurate. Mr. Hanbury did not hesitate to express the strong objection he felt to the employment of definite chemical names for substances the composition of which they were intended to conceal.

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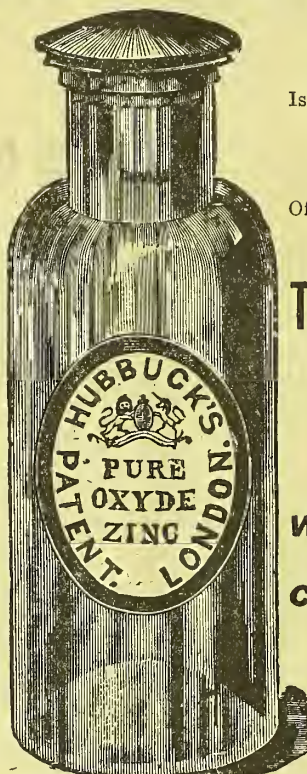
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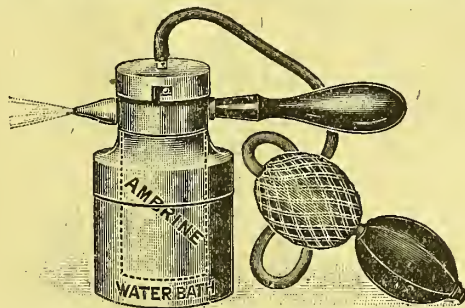
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 " Acetylo-Salicyl. 1 lb. @ 18/- lb.
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 " Carbol. Xtls., 39/40; 56 lb. drums @ 1/11 lb.; 12 1-lb. Bots. @ 2/3 lb.; Single Bots. @ 2/6 lb.; Detached Cryst. 1 lb. @ 2/8 lb.; Crude Black, 45 gall. casks @ 1/11 gal.; 5 gal. drums @ 2/10 gall.; 1 gall. tins @ 3/2 each.
 " Citric, cryst., B.P., '85, 7 lbs. in bags @ 3/6 lb.; powder, 3d. lb. extra.
 " Diethylbarbituric, 1 oz. @ 9/- oz.
 " Gallic, pur., P.B., 7 lbs. @ 6/9 lb.; 1 lb. @ 7/- lb.
 " Hydrobrom. 6 lbs. @ 1/6 lb.
 " Hydrochlor. Coml., cases of 4 2-gall. jars, 40/- each; 20 case lots @ 39/- each.
 " Hydrocyan. P.B., 6 lbs. @ 1/7 lb.; 1 lb. @ 2/- lb.; 36 1-oz. Vials @ 7/6 doz.
 " Oxalic Cryst., 1 cwt. @ 1/11½ lb.; 14 lbs. @ 2/1 lb.
 " Phosph. Dil. B.P., 6 lbs. @ 6d. lb.
 " Salicyl. pulv. 1 lb. @ 8/6 lb.
 " Sulphur, Coml., cases, 4 2-gal. jars. @ each; 20 cases @ each.
 " Sulph. Aromat. B.P., 5 lbs. @ 4/8 lb.
 " Tannic. B.P., 1 lb. @ 7/6 lb.
 " Tart., cryst. or pulv. B.P., 1885, 7 lbs. @ 3/2 lb.; parv. 3d. lb. extra.
 Adeps Benz., B.P., 28 lbs. @ 1/6 lb.; 7 lbs. @ 1/7 lb.
 Ergo Aëris Pulv., 14 lbs. @ 2/6 lb.
 Aloes Barb., English-ground, 28 lbs. @ 120/- cwt.; 7 lbs. @ 1/3 lb.
 Aloes, Socot. 7 lbs. @ 1/5 lb.; powder, 7 lbs. @ 1/7 lb.
 Aloin, B.P., 1 lb. @ 5/6 lb.
 Ammon. Benz., 1 lb. @ 28/6 lb.
 Ammon. Brom. P.B., 7 lbs. @ 6/- lb.
 Ammon. Carb. lump, 3 cwt. @ 7½ lb.; 28 lbs. @ 8½ lb.; 7 lbs. @ 9d. lb.; powder, 3d. lb. extra.
 Ammon. Chlor., 99% pulv., 1 cwt. @ 66/- cwt.; 7 lbs. @ 8d. lb.; Batteries, 6/- cwt. extra.
 Amyli Pulv., 10 cwt. @ cwt.; 2½ cwt. @ cwt.; 1 cwt. @ cwt.
 Aniseed, English ground, 1 cwt. @ cwt.; 7 lbs. @ 1/10 lb.
 Antim. Nig. Pulv., 7 lbs. @ 11d. lb.
 Antim. Tart. Pulv., 7 lbs. @ 4/- lb.
 Apiol, 1 lb. @ 27/6 lb.
 *Aqua Anethi Conc. 1-40, 1 lb. @ 3/8 lb.
 " Anisi Conc. 1-40, 1 lb. @ 3/8 lb.
 " Aurant. Conc. 1-40, 1 lb. @ 6/11 lb.
 " Aurant. Trip., 6 lbs. @ 10d. lb.; 53 lbs. for 35/-
 " Cinnam. Conc. 1-40, 1 lb. @ 4/1 lb.
 " Laurocerasi, 6 lbs. @ 9d. lb.
 " Menth. Pip. Conc., 1-40, 1 lb. @ 3/9 lb.
 " Rosæ Conc. 1/40, 1 lb. @ 7/9 lb.
 " Rosæ Trip., 53 lbs. for 37/-; 6 lbs. @ 10d. lb.
 " Samb. Conc., 1-40, 1 lb. @ 6/11 lb.
 " Samb. Trip., 6 lbs. @ 10d. lb.
 Araroba, fine powder, 7 lbs. @ 9/6 lb.; 1 lb. @ 10/- lb.

Argent. Nit., 6's to oz., 25 oz. @ 3/- oz.; 1 oz. @ 3/1 oz.
 Argent. Nit., Cryst., 25 oz. @ 2/11 oz.; 8 oz. @ 3/- oz.
 Arsenic, Alb. Pulv., 2 cwt. @ 110/- cwt.; 7 lbs. @ 1/1 lb.
 Atropinæ Sulph., P.B., 1 oz. @ 135/- oz.
 Auri Chlor., 6 doz. 15 gr. tubes @ 27/3 doz.; 1 doz. 15 gr. tubes @ 27/6 doz.

*Bals. Copaiba, pure, 44 lbs. @ 5/6 lb.; 9 lbs. @ 5/9 lb.; 1 lb. @ 5/11.
 " Peruv., P.B., 1 lb. @ 20/6 lb.
 " Sulphur, 7 lbs. @ 1/6 lb.
 " Tolut. B.P., 50 lb. @ 2/5 lb.; 1 lb. @ 2/10 lb.

Bismuth, P.B., Carb., 3 lbs. @ 14/- lb.; 1 lb. @ 14/6 lb.; subnit., 3 lbs. @ 13/- lb.; 1 lb. @ 13/6 lb.
 " Salicyl., 1 lb. @ 19/- lb.
 Boracic Mixture, 1 cwt. @ 95/- cwt.
 Borax, 1 cwt. @ 44/6; powder 1/- extra.
 Butyl-Chloral Hydras., P.B., 1 lb. @ 1 lb.

C affeine, P.B., 1 lb. @ 54/- lb.
 Caffeina Cit., B.P., 1 lb. @ 37/- lb.
 Calamina, powder, fine pink, 5 cwt. @ 32/- cwt.; 1 cwt. @ 35/- cwt.; 7 lbs. @ 4½ d. lb.
 Calamine, B.P., 1885, 7 lbs. @ 1/3 lb.
 Calcii Carb. Præcip., 5 cwt. @ 24/6 cwt.; 1 cwt. @ 28/- cwt.; 28 lbs. @ 32/6 cwt.
 " Hydras., P.B., 1 cwt. @ 32/- cwt.; 7 lbs. @ 5½ d. lb.
 " Hypophosph. Pur., P.B., 1 lb. @ 4/- lb.
 " Iodid., 1 lb. @ 21/6 lb.
 Camphor, English Flowers, "not artificial," 5 lbs. @ 3/11 lb.; ½ oz. or ½ oz. 7 lbs. @ 4/9 lb.; good white, about 95% as imported, 140 lbs. @ 3/5 lb.; 28 lbs. @ 3/8 lb.
 Capsicine, soluble, 1 lb. @ 9/6 lb.
 Carbo Animalis or Ligni, powder or lump, 1 cwt. @ 30/- cwt.; 28 lbs. @ 3½ d. lb.
 Cardamoms, 28 lbs. @ 2/6 lb.; 7 lbs. @ 3/- lb.
 Carmine, Finest, 1 lb. @ 40/- lb.; No. 2, 1 lb. @ lb.
 Cera Alba, B.P., White Moons, 28 lbs. @ 2/9 lb.; 4 lbs. @ 2/10 lb.; Flv. 1 lb. Blocks, 28 lbs. @ 2/5 lb.; 4 lbs. @ 2/6 lb.; 1 oz., ½ oz. tabs., 7 lbs. @ 2/7 lb.
 Cerii Oxalas., 1 lb. @ 6/6 lb.
 Cetaceum, No. 1, fine white, 64 lbs. @ 1/- lb.; 7 lbs. @ 1/2 lb.; powder, 7 lbs. @ 1/6 lb.
 Chloral Hydras Cryst., B.P., 7 lbs. @ 11/3 lb.; 1 lb. @ 12/- lb.
 Chlorodyne, 5 lbs. @ 3/- lb.
 *Chloroform, pure, B.P., 12 8-lbs. @ 3/10 lb.; 8 lbs. @ 4/- lb.; 6 1-lb. bots. @ 4/4 lb.
 Cocaine Hydrochlor., 1 oz. @ 42/-
 Codeina, 1 oz. @ 27/6 oz.; Phosph., 1 oz. @ 25/- oz.; Hydrochlor. or Sulph., 1 oz. @ 25/- oz.
 Colocynth, Apple, English ground, 1 cwt. @ 1/4 lb.; 28 lbs. @ 1/5 lb.; 7 lbs. @ 1/7 lb.
 Composition Powder (Coffin's), 1 cwt. @ 75/- cwt.; 7 lbs. @ 10d. lb.
 Conf. Sennæ, P.B., 14 lbs. @ 1/5 lb.; 7 lbs. @ 1/6 lb.
 Cort. Aurant Exot. Shreds, 7 lbs. @ 2/4 lb.
 " Cinchon. Rub. (Quill), 7 lbs. @ 1/7 lb.
 " Ulmi Fulvæ, Pulv., 1 cwt. @ 1/- lb.; 7 lbs. @ 1/2 lb.
 Cream of Tartar, 98% powder, 1 cwt. @ cwt.; 7 lbs. @ 3/2 lb.
 Creasote Beechwood, P.B., 7 lbs. @ 17/- lb.

Creta c. Camph., 7 lbs. @ 1/1 lb.
 " Gall. Pulv., in sacks, 10 cwt. @ 12/- cwt.; 1 cwt. @ 13/- cwt.; 14 lbs. @ 1½ d. lb.
 " Præparata, 7 lbs. in box @ 1/3 each.
 Cubebe, English Ground, 28 lbs. @ 3/8 lb.; 7 lbs. @ 3/10 lb.

*Dec. Aloes Co. Conc. 1-2, 6 lbs. @ 2/1 lb.; Sinecroco, 6 lbs. @ 1/4 lb.
 " Cinchona (Rubra) Conc., 1-7, 6 lbs. @ 2/3 lb.
 " Senegæ Conc., 6 lbs. @ 2/11 lb.

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 Emp. Pici, P.B., 7 lbs. @ 1/3 lb.
 " Plumbi, P.B., 7 lbs. @ 1/3 lb.
 " Resina, P.B., 7 lbs. @ 1/3 lb.
 " Roborans, 7 lbs. @ 1/3 lb.
 Emulso Ol. Morrhuæ, 5 lbs. @ 1/6 lb.
 Eserine Sulph., in 15-grain tubes, 8/9 each.
 Ess. Bergam. (Oil), 12 lbs. @ 21/- lb.; 1 lb. @ 22/- lb.; not guaranteed absolutely pure.
 Ess. Limonis (oil) original coppers, 12 lbs. @ 4/3 lb.; 6 1-lb. bots. @ 4/9 lb.; not guaranteed absolutely pure.
 *Ess. Moschi (not artificial), 5 lbs. @ 14/6 lb.; 1 lb. @ 15/- lb.
 *Ess. Pear (artificial), Jargonelle, 5 lbs. @ 3/9 lb.; Bergamot, 4/3 lb.
 *Ess. Pineapple, 5 lbs. @ 4/- lb.
 " Raspberry, 5 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
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TORCHES, HAND LAMPS, &c.**

OUR NEW LIST is now ready.

REFILLS.Owing to the great scarcity of these,
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complete lamps. We have a large variety
of cases at very low prices.**ARCHIBALD J. WRIGHT, LTD.,**Manufacturing Electricians,
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FILTER FIBRE****PURE, NEUTRAL AND INSOLUBLE.**SPECIALLY prepared for the filtration of
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AT A MINIMUM COST.**Write for Samples and Prices to
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Wilson Street, New Cross, London, S.E.**S.V.M. WINES FOR
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Wholesale terms
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In round attractive boxes, assorted tints, 8/- per gross

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Medical Flats { Best Quality, Quinine Tinted.
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Vials, White Flint. All sizes.
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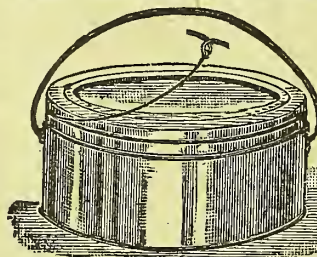
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A simple wash for growing plants.

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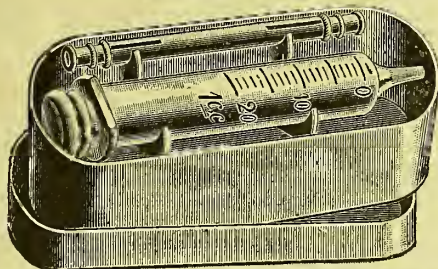
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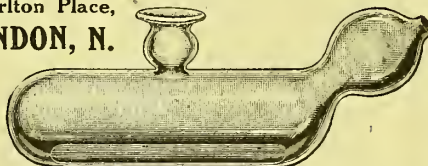
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SUPERIOR ENGLISH MANUFACTURE.
Extremely elastic, but contains no rubber.
FAST WOVEN EDGES.



"Standing all day doesn't worry me so long as I have my Norwich Crepe Bandage."

**THE BANDAGE THAT
CAN BE STERILIZED.**

IMPORTANT
**THE EDGES WILL NOT
FRAY OUT NOR RAVEL.**

Invaluable for all binding purposes. Entirely displaces bandages of rubber and elastic web. Considerably more durable, although less than one-third the cost of rubber or elastic web.

WOOL v. COTTON Sterilized Bandages.

Patients having varicose veins and other ailments requiring the use of bandages usually suffer from cold extremities due to bad circulation. They require *warmth* as well as support. The Norwich Crêpe Bandages, containing wool, provide this warmth and do not absorb grease so readily as those made of cotton. Moreover, they may be thoroughly cleansed by the use of *hot* (not boiling) soapy water, with the addition of a little ammonia or soda. The bandages are healthy and comfortable to wear, giving the necessary firmness, yet yielding to every movement. Self-clinging and self-adjusting.

The Norwich Crêpe Bandage is made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Its inexpensiveness, compared with foreign productions, and its high quality, universally commended by the medical and nursing professions, make it ideal for sufferers from varicose veins and for all purposes where bandages are required. Send for prices and samples to the sole manufacturers:

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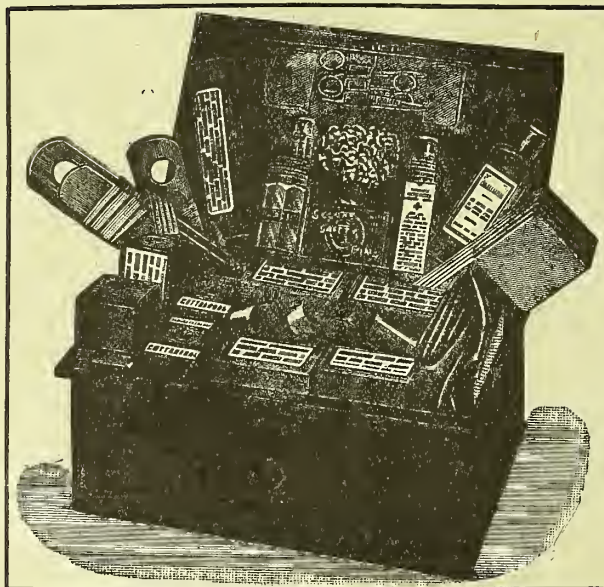
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PATENT No. 17617

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(BRITISH MADE BY BRITISH LABOUR)

The
Nearest Copy
to the
Natural Nipple

(Note the patent band around the teat that grips tightly to the neck of the bottle.)



"AGRIPPA" Band Teat (Black or Transparent Rubber).

The "AGRIPPA" Band Teat will fit any boat-shape feeding bottle, and will not slip off.

The Teat and Valve can be sterilised or cleansed by simply boiling in water, and the quality of rubber will not be deteriorated thereby.

The Patent Band Valve is devised according to the most up-to-date theories, and affords a means of regulating to perfection the flow of the milk food.



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"AGRIPPA" TEAT (Patent No. 17617) Black or Transparent	2/6 per Doz. Net 27/6 per Grs. Net (for orders of 3 Doz. and over).	3 ¹ / ₂ d. EACH.
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"RODINE"
TERMS
GIVE
SATISFACTION.

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Three
Reliables.



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"Sold all round the World."

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BRITISH MAKE.



The "EMPIRE" Brand

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Heavy weight each	3 2	3 5	3 8	3 11	4 3	4 10	5 2	5 9	
Light " " " " " "	3 1	3 4	3 7	3 10	4 1	4 8	4 11	5 6	
Covers, scarlet or grey plush	0 11	1 0	1 1	1 2	1 4	1 6	1 8	1 10	

FIG. 957.—Side Handle.

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Waterdressing, Fastedge, Calico, and Flannel Bandages, Elastic Web,
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The Chemist, as well as the Clinician, recognizes
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to the ever-increasing preparations of the Compound
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CRETA PRÆCIPITATA (Calc. Carb. Præcip. Leviss.)
SPECIAL QUALITY.

**FINEST, LIGHTEST,
and
PUREST
IN THE MARKET.**



Every particle is passed
through a mesh of
40,000
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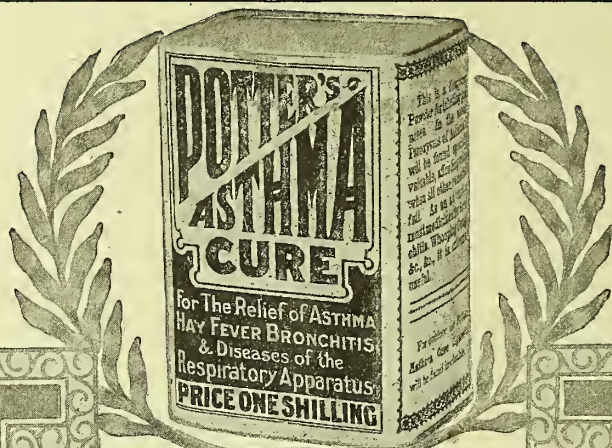
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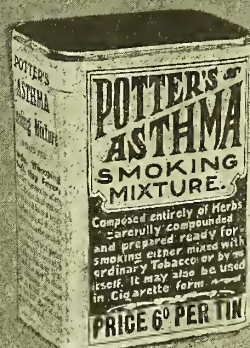
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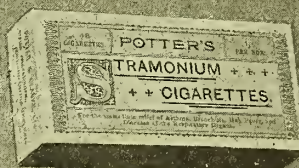
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THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C.

SATURDAY, OCTOBER 20, 1917

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisers), and to ensure prompt insertion **REMITTANCES MUST ACCOMPANY INSTRUCTIONS.**

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED THE MONEY IS TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus, Cannon, London." (Three words counted as two.)

EARLIER CLOSING FOR PRESS.

WILL intending Advertisers please note that until further notice all Advertisements for THE CHEMIST AND DRUGGIST SUPPLEMENT must be in the Publisher's hands not later than

FIRST POST THURSDAY MORNING,

to be available for the issue published in that particular week. Owing to restricted postal deliveries it is advisable to *post* all communications on the Tuesday preceding the date of issue. Advertisements received after the time indicated will be inserted in the following week's issue.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—**MAYFAIR.**—Good-class Dispensing and Retail Business; returns £1,200; gross profit £650 to £700; Looks open to inspection; the shop is well-fitted and stocked; vendor is relinquishing on account of health; valuation terms entertained; excellent opportunity for a pushing, energetic man.

2.—**KENSINGTON, W.**—Dispensing and Retail Business; returns £800, formerly £1,000; well-fitted shop and comfortable residence; held on lease; first reasonable offer accepted; death cause of sale.

3.—**MIDDLESEX.**—Ready-money Business; no serious opposition; returns upwards of £2,000 (present rate); profits large; full investigation permitted; price £500, or valuation terms if preferred.

4.—**LONDON, N.**—Vendor will accept £100 and valuation of stock and fixtures for early release; good middle-class Business; returns £1,200 at fair prices; modern fitted shop and comfortable residence; on lease; breakdown in health cause of sale.

5.—**LONDON, N.E.**—Brisk Ready-money Business; held by vendor upwards of 25 years, now retiring; returns average between £1,100 and £1,200 per annum; net profit one-third; vendor's own property; new lease; price £550.

6.—**LONDON, S.W.** (Main Thoroughfare).—An exceptionally good and reliable Business in select residential district; returning over £1,600; well-appointed shop, handsomely fitted in mahogany, in modern style, and fully stocked; vendor will accept first reasonable offer.

7.—**HIGHBURY (Near).**—Established Business; Retail Prescribing and N.H.I. Dispensing; returns last year £1,000; net profit, after paying every expense, £386; proof given; large shop

with comfortable residence and private entrance; rent £50 yearly; price £600.

8.—**INLAND HEALTH RESORT** (Death Vacancy).—Good-class Business, Dispensing and Retail; returns average over £2,200, and the net profit £875; books audited by accountant; terms, valuation of stock and fixtures, and premium for goodwill to be agreed.

9.—**SUSSEX.**—Country Retail Business; practically unopposed; returns £850; net profit £252; comfortable residence, and good garden full of fruit and rose trees; net rental £45; on lease; terms, valuation of stock and fixtures and small premium.

10.—**YORKS.**—Mixed Country Business with Gilbey's agency, etc.; returns average £800 yearly; net profit £200; price £500, or valuation of stock and fixtures; rent only £28, including good six-roomed house, garden, warehouse, and yard; nicely fitted and well stocked.

11.—**SEASIDE RESORT** (South of England).—Retail and Dispensing Business, situate in shopping thoroughfare in chief business centre; returns between £1,400 and £1,500; gross profit last year £570; well-appointed shop and comfortable residence; no reasonable offer refused.

12.—**WESTERN COUNTY.**—Mixed country Retail, Dispensing, and Agricultural Business with own Proprietaries; situate in best position in good market town; returns £1,700; price about £1,000.

13.—**KENT** (Market Town).—Vendor will accept valuation of stock and fixtures for early release; returns about £1,000 at fair prices; full investigation invited.

14.—**SOUTH COAST** (Near the Solent).—Retail, Dispensing, and Prescribing Business; very few patents sold; returns £500 at good prices; rent £30 yearly; price about £250.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.
ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

86 Jewry Street Fenchurch Street E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

- 1.—DEVON (Market Town).—Good-class Business; under management returns average £1,300; central position; splendid premises; fully stocked; owner on active service; price, valuation, or reasonable offer entertained.
- 2.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.
- 3.—CITY.—Old-established City Business, under Manager, and returning £20 a week; splendid position; smart man could easily double the trade; fully stocked; low rent; price about £700.
- 4.—LONDON, S.E. (7 miles out).—Good middle-class Cash Retail, showing good increase each year; returns £1,850; net profit £450; fine position, handsomely fitted and heavily stocked; price £50 and valuation, in all about £1,000.
- 5.—NORTH LONDON (Healthy Suburb).—Sound progressive Cash Business for immediate disposal through serious illness; returns £1,150; net profit fully £300; fine modern Pharmacy; excellent main road position; low rent; good house; price £750 or offer.
- 6.—LONDON (Distant Suburb).—Good middle-class Cash Retail; very profitable; returns £14 a week, increasing; very low rent; no immediate opposition; fully stocked; price £475, or offer.
- 7.—LONDON, N.—Genuine Cash Retail, with N.H.I.; retiring, same hands 24 years; returns £800; net profit over £250; handsome shop; bold corner position; can easily do £20 to £25 weekly; price £300, or best offer; easy payment arranged.

CHRISTMAS STOCKTAKING.

WE are open to undertake one or two LARGE Stocks immediately after Christmas, being free then owing to a change of date; also we have only two or three free weeks this side of Christmas, so engagements should be fixed up early; terms on application.

MESSRS.

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BUSINESSES FOR DISPOSAL.

See Notice on Front Page of this Supplement.

3s. 6d. for 50 words or less; 6d. for every
10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

BACUP, NORTH-EAST LANCASHIRE.—For immediate disposal, old-established Business of a Pharmacist and Optician, with National Health Insurance Dispensing connection; well stocked; first-class fittings; splendid opportunity. Particulars, C. Pollard & Co., 27 Victoria Street, Blackburn, Accountants and Valuers; or Parkin S. Booth, Accountant to the Association of Manufacturing Chemists, Ltd., 2 Bixteth Street, Liverpool, or Kimberley House, Holborn Viaduct, E.C.

CITY OF SALISBURY.—Old-established Business for Sale, with licences; good-class trade; several Proprietaries; in same hands nearly 29 years; large house, also garden; could be had on lease; returns last year over £1,000; valuation terms arranged, as proprietor wishes to have lighter duties. Apply Blinkhorn, Chemist, Salisbury.

LONDON, N.W.—Unopposed thriving Business for Sale, owing to ill-health of proprietor; takings average £16 per week; very profitable; thickly populated neighbourhood; easily doubled by smart man, or would exchange for business on South Coast, Cornwall, Devon, or Ilfracombe, or health resort; first reasonable offer secures. Apply "Saccharin" (124/2), Office of this Paper.

LONDON, S.W.—Genuine Business for Sale in good residential locality; returns £1,900, increasing yearly; any reasonable offer entertained. Apply to 124/15, Office of this Paper.

LONDON, W.—Business for Sale; P.O. attached; salary £120, with extras £48; stock and fixtures, £150; for quick sale; room for Insurance and Photography; suit energetic business man. Apply 125/4, Office of this Paper.

LONGTON, STOKE-ON-TRENT.—Genuine old-established Business; excellent increasing cash turnover, and good credit trade with Pottery Manufacturers; commodious premises at low rent; well stocked and fitted; no goodwill; price for stock by arrangement from £100 to £500; no reasonable offer refused; reason, death of proprietor. Blabey's Executors, High Street.

A BARGAIN.—Good-class Suburban Business in Yorkshire city; established 20 years; fine situation; good house and garden; turnover about £1,000 yearly; Light Retail and Dispensing; easily worked by proprietor; can be taken over on good terms; best valuation or no reasonable offer refused; every inquiry courted; part could remain; owner taking an appointment; an unique opportunity for the right man. Apply 160/10, Office of this Paper.

AN unique opportunity presents itself; comfortable Business; returns £500 to £600; few patents; no opposition; low rent; trial given; West London, Middlesex; accept £200. Apply 122/22, Office of this Paper.

BUSINESSES FOR DISPOSAL (continued).

FOR Disposal at once, good-class Dispensing Business; South; increasing returns; owner joining up. Apply to 125/35, Office of this Paper

OLD-ESTABLISHED Business, Agricultural District, Midland; splendidly fitted shop, well stocked; large house and garden; health cause of sale; returns near £600; rent £14 net inclusive; rare opportunity for Chemist with Dental experience, and a good Extractor; no Dentist in district. Applicants please enclose stamped envelope to "Urgent" (126/1), Office of this Paper.

BUSINESSES WANTED.

SOUND Business wanted; Glasgow district; Retail and Dispensing; cash up to £400. Apply 121/25, Office of this Paper.

FOR SALE.

A SACCHAROMETER and Accessories. Hemmings, 76 Peckham Rye, London, S.E.

FOR Sale, 14 lb. pure Potass. Permang., 14s.; 2½ cwt. Ball Naphtalene @ 8½d. per lb.; 4 lb. Lithia Cit., 5s. 6d.; 22 lb. Paraformaldehyde Tablets, 5s. lb.; 1 lb. pure Caustic Soda Sticks, 5s. 6d.; 1 lb. pure Potass. Caustica Sticks, 12s. 6d. Apply 124/40, Office of this Paper.

GREEN Winchesters; 160 oz.; about 600; offers wanted for whole or part. Ilex Supply Co., Ltd., 252b Gray's Inn Road, W.C.

MAHOGANY Wall Fixture for Rounds; 14 feet long, 9 feet high, with Mirror-fronted Poison Cupboard; drawers to height of 4 feet; Mahogany Wall Fixture of four upper and four lower Show Cases; 8 feet long, 9 feet high; both in perfect condition; at a low price; can be seen by appointment. Apply 124/31, Office of this Paper.

PHENAZON, 4 oz., 15s.; Tablets, gr. v., 250, 8s. 6d.; Veronal Tablets, gr. v., 6s. 100; 1 lb. Bismuth Carb., 12s. 6d.; Quinine, 4 oz., 13s.; Salicin, 2 oz., 4s.; 1 lb. Sodii Salicyl., 9s. 6d.; Menthol, ½ lb., 7s.; 6 oz. Bism. Salicyl., 5s.; 1 lb. Lithii Cit., 7s.; Quin. Salicyl., 2 oz., 8s.; Bismuth Oxychloride, 14s. B.P. Post paid. Forryan, 40 Duncan Road, Leicester.

SELF-ADDING National Cash Register for Sale (second-hand); suit any business; accept low price for quick sale; good reason for selling. Write to F. Collender, 26 Streatfield Street, Burdett Road, E. 14.

3 DOZ. 1s. Shaving Sticks, 10s.; 1 lb. Lithia Cit., 5s. 9d.; 4 oz. 5 gr. B.P. Phenazone Tab., 11s.; 1 lb. Bismuth Trisnit., 10s.; 1 lb. Menthol, 13s. 10d.; 8 oz. Salol., 5s.; 10 lb. Arrowroot Opt., 6s. 6d.; 6 oz. Sodii Iodide, 5s.; 1½ lb. Sodae Cit., 4s. 10d.; 2 lb. Acid Cit. Crystals, 6s.; 2 lb. Iron Lactate, 5s.; 1 lb. Pot. Permang., 15s.; 2 lb. Calcii Hypophos., 7s.; 2 gall. Ol. Morhuse, 32s.; 4 oz. Iodin. Resub., 3s. 10d.; 14 lb. Dextrine, 7s. 6d.; 1½ lb. Ol. Cajup., 6s.; ½ lb. Bismuth Subgall., 5s.; 1 lb. Ess. Lemon, 4s. 3d.; 14 lb. Castile Soap, 12s.; ½ lb. Hyd. Iod. Rub., 6s.; 14 lb. Ammon. Mur. Pulv., slightly dirty, 8s.; 7 lb. Naphthaline, 6s.; ½ doz. Breast Pumps, 4s.; ½ doz. Enemas, 10s.; 1 doz. Douche Tubes, 7s.; all new. "B." Chemist, 97 Borough High Street, S.E. 1.

PARTNERSHIPS.

PARTNERSHIP or Directorship required in an established business controlling a Patent Medicine or other Proprietary article by retired Chemist with £2,000 available. Particulars to Messrs. Arnold & Co., 143 Cannon Street, London, E.C. Business Investment Agents, no result, no commission.

WANTED, Partner in well-established Chemist's Retail business; willing and capable of assisting in the active management of same, returning £7,000 per annum; Principal seeking relief from pressure; capital required from £1,500 to £2,000; books open to inspection; Principals or solicitors only. Apply J. C. Hemingway, Solicitor, 66 Deansgate, Manchester.

AGENCIES.

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AGENTS calling upon Wholesale and Manufacturing Chemists in Midlands and North of England, wanted for sale of Honey Wax, Glucose, etc. Devon & Co., 6 Rood Lane, London, E.C. 3.

LEADING Manufacturers desire to meet good Wholesale house to act as Packers and Distributors of important speciality to Chemists, Hospitals, Doctors, throughout the United Kingdom; mutual terms. Replies to 161/15, Office of this Paper.

TO BRITISH MANUFACTURERS OF DYES, SYNTHETICS, DRUGS, AND FINE CHEMICALS.—Advertiser offers his services as Manufacturers' Agent in the Far East or elsewhere; 14 years' practical experience with Manufacturers and Retailers in the Far East; advertiser has Pharmaceutical qualification, and is able to start at any time; a good opportunity for Manufacturers who wish to be first on the market when the commercial war begins. Replies to 125/10, Office of this Paper.

SITUATIONS OPEN.

See Notice on Front Page of this Supplement.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

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RESULTS
OF ADVERTISING IN THIS SUPPLEMENT
LAST WEEK OCT. 13, 1917

NATURE OF ADVT.	REPLIES
ASSISTANT	42
UNQUALIFIED	25
DISPENSER	14
LADY DISPENSER	11
MANAGER	9

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

RETAIL.

BEACONSFIELD.—An experienced lady Assistant required for a Dispensing business; outdoors; short hours. Apply, with full particulars, to Mr. Brooke, Chemist, Beaconsfield.

BIRMINGHAM.—Lady Assistant wanted; good Dispenser, and willing to help at Counter. Bramleys, 87 Holyhead Road, Handsworth, Birmingham.

BIRMINGHAM.—Wanted, Assistant; lady or gentleman; full or part-time; unqualified; required for good-class Dispensing and Photographic business; no Sunday duty; outdoors. Apply, stating age, experience, and salary required, Tymms, Chemist, Birchfield Road.

BIRMINGHAM.—Qualified Manager required for progressive Cash Retail business, with some N.H.I. Dispensing; splendid opening for man anxious to get on; liberal interest in profits offered. "H. B." (124/261), Office of this Paper.

BIRMINGHAM.—Capable all-round Assistant wanted for brisk Cash business; good salary and permanency to suitable applicant. Lloyd, 325 Coventry Road, Birmingham.

BRIGHTON.—Junior, lady or gentleman, for Dispensing and Light Retail; outdoors. State full particulars and salary required. Or part-time Assistant, evenings. Hunter, Chemist, 35 London Road, Brighton.

BRISTOL.—Branch Manager required at early date for business in Bristol; must be over military age or ineligible for Army; hours 8.30 to 8, Wednesdays to 1, Saturdays to 9, no Sunday duty; arrangements could be made for living accommodation on premises, unfurnished. State age, salary, and references to the Managing Director, Hodders, Ltd., 5 Nelson Street, Bristol.

FOLKESTONE.—Wanted, a reliable and competent Assistant for Light Retail and Dispensing Business; qualified or unqualified; ineligible or over military age, or lady; outdoors; permanency; no Sunday duty; no Insurance Dispensing. State age, experience, and salary required, to J. J. Giles & Son, Chemists, Folkestone.

HARROGATE.—Assistant wanted; outdoors. Apply, stating salary required, to F. V. Butterfield, Chemist, Harrogate.

HASTINGS.—One qualified and one unqualified lady Assistant required in high-class Dispensing and Retail business. Apply, stating experience, salary required, and references, to Neve & Co. (Proprietor: Harold E. Skyrme), 12 Wellington Place, Hastings.

LANCASHIRE INSURANCE COMMITTEE.

PRESCRIPTION PRICING BUREAU.

WANTED, qualified Pharmacist (male or female) as Superintendent of Prescription Pricing Bureau. Commencing salary £200 per annum (a man must be ineligible for military service). Also wanted, woman as Head Pricer and Overseer, with Minor or Hall qualification. Commencing salary £2 per week.

Applications, endorsed "Pharmaceutical," and accompanied by copies of three new testimonials, should be sent to the undermentioned address, and received not later than the 22nd October, 1917.

Clerk to the Lancashire Insurance Committee.
1 Fishergate Hill, Preston.

LANCS, MANCHESTER.—Young lady, with knowledge of Dispensing, for business in working-class neighbourhood. State salary required and when at liberty, "G. L." (124/26), Office of this Paper.

LONDON (Suburb).—Assistant; ineligible; whole or part-time; outdoors; good-class Retail, Dispensing, and Photographic; state usual particulars, salary expected, and when disengaged. Apply Matthews (Cash Chemists), Ltd., 69 Golders Green Road, N.W. 4.

LONDON.—An exceptional opening for qualified man (or lady) in working-class business; liberal salary to suitable applicant; good references required. All particulars to 125/9, Office of this Paper.

LONDON, N.—Wanted, a reliable Assistant for quick-cash business and N.H.I.; outdoors; ineligible for Army; business hours 9 till 8, Saturdays 9, close at 1 o'clock on Wednesdays, duty every other Sunday evening only from 6 till 8; good salary to suitable man or lady. Particulars, or preferably a personal call, to Pirie, Chemist, 4 Grand Parade, Harringay.

LONDON, N.W.—Wanted at once, capable Assistant (male); unqualified; quick and reliable Dispenser; ineligible for Army. Apply, with full particulars, salary required, etc., to W. R. Ames, High Street, St. John's Wood.

LONDON, S.W.—Wanted for N.H.I. and Counter work, lady Dispenser; experienced; hours 9 to 1 and 3 to 8. Full particulars, references, salary required, etc., to Garton, Chemist, Plough Road, Clapham Junction, S.W.

LONDON, S.W.—Wanted, a smart Assistant for Counter, with good knowledge of Patents, Perfumery, and Drugs; short hours; no Sunday or Bank-holiday duty. Apply Manager, Drug Department, Francis & Son, Ltd., 448 Brixton Road, S.W. 9.

LONDON, S.W.—Reliable Assistant, lady or gentleman (ineligible), for medium-class Cash business; comfortable berth and good remuneration to suitable applicant; outdoors. Apply 126/6, Office of this Paper.

LONDON, S.W.—Assistant required in a good-class Dispensing and Retail business; no N.H.I.; a careful and accurate Dispenser can commence at £3 3s. weekly; outdoors. Send two recent references to Newman Howard Schollar, Proprietor, Tennant's Pharmacy, 29 Sussex Place, South Kensington.

MANCHESTER.—Unqualified Assistant wanted for small suburban business as Manager; state full particulars in first letter; must be active and sober. Apply "Pharmacy" (126/5), Office of this Paper.

NEAR BIRMINGHAM.—Unqualified Assistant required for busy Retail and Dispensing (N.H.I.) business; permanent position, with progressive salary; applicants must either be discharged from Army or above military age. "B. H." (124/260), Office of this Paper.

NEAR CROYDON.—Wanted, smart Junior or Improver; knowledge of Photography preferred; comfortable berth to a good man who will take keen interest in business; I offer excellent prospects. Box 159/40, Office of this Paper.

PECKHAM, S.E.—Lady or gentleman Assistant wanted for evenings; work chiefly Dispensing; applicants please state the evenings and hours available, also remuneration required. Apply to 123/38, Office of this Paper.

PLUMSTEAD, S.E. 18.—Required as soon as possible for good middle-class business (outdoors), capable Manager; qualified; also one holding Pharmaceutical and Optical diplomas; permanencies. Apply to A. Goldthorpe, M.P.S., 70 Herbert Road, Plumstead, S.E. 18.

SHANKLIN.—Assistant, either sex, wanted in good-class business; good Dispensing experience essential. Ashfield, Pharmaceutical Chemist, Shanklin, I.W.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTHSEA.—Unqualified Assistant required; good experience Dispensing, Counter, Photographic; ineligible. State salary required (indoors), references, etc., first letter, to Cruse & Co., Ltd., The Strand, Southsea.

TAUNTON.—Wanted, reliable, unqualified Assistant; outdoors; easy hours. Apply, with full particulars, to Gregory & Wrenn, Chemists, Taunton.

ALSOP & QUILLER, 137 Sloane Street, S.W. 1, require at once, an Assistant, lady or gentleman, with experience in Chemist's business; not necessarily qualified.

ASSISTANT for light Retail and Dispensing business; short hours and no Sunday work; permanency. Apply, with all particulars, stating salary required (outdoors), to "Aloes" (125/34), Office of this Paper.

ASSISTANT; lady or gentleman; well up in Dispensing good-class business; two Assistants kept; house provided, or outdoors; liberal salary. Apply, stating age, qualification (if any), Sharman, Pharmacist, Northwood.

COOPER, SON & CO., LTD., require a qualified Dispenser; lady or gentleman. Apply, stating full particulars, to "A. J. B. C.," 80 Gloucester Road, South Kensington, S.W. 7.

EVENINGS; qualified man; alternate Thursday, Sunday, and two or three other evenings about 1½ to 2 hours. Apply Goodall, 66 Lower Richmond Road, Putney.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed o/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitability.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

RETURNING PHOTOS, Etc.

Advertisers in this section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the undue retention of these often means a hardship to the sender. All personal documents should be returned as promptly as possible after perusal.

F. M. RIMMINGTON & SON, LTD., 9 Bridge Street, Bradford, require an Assistant accustomed to good-class Counter work; outdoors; please state full particulars, salary, etc.

IMMEDIATELY.—Lancashire: Seaside Resort in large Pharmacy.—An Assistant; qualified or unqualified; ineligible; practically for Dispensing under supervision of the proprietor, but one willing to undertake Counter duties also; please state full particulars in first letter, and photo if possible (to be returned). Apply "Carolus" (125/40), Office of this Paper.

JUNIOR Assistant, lady, unqualified, in good-class Retail and Dispensing business; easy hours, no Sunday or night duty, part-day weekly, in addition to usual half-holiday. Full particulars of experience, stating age and salary required, should be addressed to Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

LADY Junior; outdoors; lady Senior in charge; best-class Dispensing business. Apply, with usual particulars, Ellithorne, 26 Wellington Road, Oxtou, Birkenhead.

LADY Assistant for Dispensing (outdoors) wanted at once; easy hours; must have had good experience. Hampton, Chemist, Gloucester.

LADY Pharmacist (with residence, board, and laundry) required early in November. Applications, stating age, salary, and qualifications, with copies of testimonials, to be sent at once to the Secretary, Victoria Hospital for Sick Children, Hull.

LADY with Minor qualification required for Light Retail and Dispensing business in seaside town; 40 hours weekly, and alternate Sunday duty four hours; good salary; or Hall qualification, with experience, would be considered. Apply 122/28, Office of this Paper.

LADY Assistant required, accustomed to N.I. Dispensing and Counter work; short hours; liberal salary to capable person. Apply, stating experience, salary required, and references, to Taylors' (Northern), Ltd., 4 Crown Street, Halifax.

LADY Assistant wanted as Senior, where three are employed; Hall qualification, with some experience of Chemists' business preferred, but not essential; half-holiday weekly, no Sunday duty; outdoors. Shields & Warren, St. Albans

LADY Dispenser wanted by a firm of Surgeons at once; Apothecaries' Hall qualification preferred. Will applicant kindly give full particulars of previous experience, age, and salary required to Dr. Statham, Lymington, Hants.

MESSRS. ALLEN & LLOYD, 21 Station Road, Aldershot, require at once, for their Fleet branch, capable Assistant for Dispensing and Counter work; ineligible or over military age. Apply, with full particulars and salary required, to above address.

MESSRS. J. B. BARNES & SON, 205 Knightsbridge, S.W., require (at once) a capable Assistant for Dispensing. Applications, with full particulars of experience and salary required, should be addressed to Mr. W. Hill.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

PART-TIME Assistant (either sex) for Cash business in S.W. London; must be tactful and obliging at Counter, and careful Dispenser. Kindly state time at liberty and salary required. Apply 126/600, Office of this Paper.

QUALIFIED Manager wanted for middle-class suburb; cash trade and N.H.I. Dispensing; reasonable hours; salary £5 weekly; man of ability could make more; good references essential. State full particulars, "Salol" (124/12), Office of this Paper.

QUALIFIED Manager, with all-round experience and enthusiasm, to add and develop Light Retail and Dispensing to "Heavier" business recently acquired; willing to make "Own Name" preparations and Galenicals preferred. Written applications (photo if possible), giving age, experience, salary required, to Secretary, Industrial Co-operative Society, Ltd., Tamworth. Applicants may be required to attend interview on Thursday evening, October 25.

QUALIFIED man, not eligible for Army, as Branch Manager in country town; seaside; quiet; five hours from London; Extractor preferred; Photography and good Dispenser; indoors; free from bombs; good wages to a good reliable man, about six weeks to two months' time; entire control; usual half-holiday, two hours' Sunday duty. Apply 112/5, Office of this Paper.

QUALIFIED lady Dispenser or discharged soldier required for N.H.I. and private Dispensing, and to attend at Counter in spare time; good-class business. Apply, giving age, qualifications, and salary required (outdoors), together with copies of testimonials, to Richardson, Chemist, Dudley. Hours 9 to 8, Wednesday 1 p.m., no Sunday duty.

QUALIFIED Assistant for Prescription Counter; hours 8.45 a.m. until 6.15 p.m., Saturday 1.15 p.m. Apply, with full particulars, to T. C. Mansell, Drug Department, Junior Army and Navy Stores, Ltd., 15 Regent Street, S.W. 1.

SMART Assistant required for South Coast for up-to-date business; progressive salary for right man; permanency, with chance of promotion; must be good Salesman and Window-dresser. State full particulars, when disengaged, height, etc., to 126/15, Office of this Paper.

SURGICAL Instrument Business Assistant for front shop. Address, stating age, wages expected, and duties accustomed to, Box "Surgical," Lee & Nightingale, Liverpool.

UNQUALIFIED Junior, age about 25, required at once; a discharged soldier will be welcomed; must be capable and industrious. Apply, stating usual particulars, with photo, and state salary required, W. Finlayson, 141 High Street, Stockton-on-Tees.

WANTED, an unqualified Assistant as Head Dispenser; good Window-dresser. Apply, with photo, to F. D. Spencer, Stratford-on-Avon.

WANTED as soon as possible, steady and reliable Assistant, well up in Dispensing, for good-class Retail and Dispensing business; hours 8.15 to 3, close at 1 Thursdays, and 9 Saturdays, no Sunday duty; salary £3 a week; outdoors. Please give usual particulars, L. Arden, Pharmaceutical Chemist, Winchester.

WANTED at once (through death), an elderly qualified man to manage a Branch Business in country market town; turnover about £1,000; wage and commission (outdoors). Apply, with full particulars, to 124/21, Office of this Paper.

WANTED, part-time Assistant one evening a week; lady or gentleman; unqualified or Hall. Apply S. S., 436 High Road, Streatham, S.W.

WANTED at once, qualified Assistant (lady or gentleman); also lady Dispenser (Hall qualification); also good opportunity for improver. Apply, with full particulars in first letter, or personally, to Morton's Cash Chemists, Ltd., 199 Portobello Road, Notting Hill, W.

WANTED, industrious unqualified Assistant for Speciality and Light Retail; no Dispensing; permanent; outdoors; state salary; good reference indispensable. Hulme, Chemist, Nottingham.

£2 2s. per week.—Lady Assistant required for North London; middle-class business; Dispensing Counter, Stock; hours 9 a.m. to 8 p.m., Saturday 9 p.m. Address, giving full particulars, to 126/22, Office of this Paper.

WHOLESALE.

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LIVERPOOL.—Assistants wanted for Tablet Making and Pharmaceutical Preparation Departments. Apply 160/17, Office of this Paper.

ANALYTICAL CHEMIST.—Assistant required; experienced in standardisation of B.P. Galenicals, Pharmaceutical products, and general Analytical work. Apply Ayrton, Saunders & Co., Ltd., Manufacturing Chemists, Liverpool

ASSISTANT required, with some knowledge of Chemistry, for Refining and Bottling Lubricating Oils; small clean work. Apply Pioneer House, 182/6 St. John Street, Clerkenwell, E.C.

CAPSULES.—Required by London house, woman experienced in the making of hand-made Medicinal Gelatine Capsules. Apply "A. N." (160/30), Office of this Paper.

COMMISSION.—Required, a smart business man to take as side line a new and popular article that just meets the times; testimonials from all parts can be seen. Write "Mutual" at Horncastle's, 60 Cheapside, E.C. 2

EXPORT DEPARTMENT.—Manager with actual experience in the Export Drug Trade. State age, experience, and salary required, Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool.

MANAGER for Department engaged in manufacture of Body Belts, Suspensory Bandages, Washing Gloves, Hot-water Bottle Covers, etc.; state previous experience and wages required. Apply 156/29, Office of this Paper.

PHARMACEUTICAL PRODUCTS.—First-class House is open to appoint a Resident Representative for Lancashire and District to interview Doctors and Chemists. Replies, giving full details of experience and salary required, to be addressed to "G" (158/64), Office of this Paper.

REQUIRED by London Wholesale Druggist, a Warehouse Assistant (male or female) accustomed to checking orders and parcels-post packing; state experience and wages required. Apply 160/41, Office of this Paper.

REQUIRED, Representative to call on Doctors, Chemists, etc., in West and S.W. of England. Apply, with full particulars, to 160/37, Office of this Paper.

REQUIRED, Packers, home and export, by East London Druggists. Apply 160/371, Office of this Paper.

SUGAR-COATER; experienced; good wages. Apply personally, or by letter, Castle Tablet Co., Ltd., 106 Barnsbury Road, Islington, N.

WANTED, a Packer for Wholesale house. Apply, giving full particulars, Willows, Francis, Butler & Thompson, 40 Aldersgate Street, E.C.

WAREHOUSEMAN required, with experience of packing and despatching fine and heavy Chemicals, Stockkeeping, etc.; good wages, and permanency for suitable man over military age; London district. Particulars to 144/62, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

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3s. 6d. for 50 words or less; **6d.** for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

COLOMBO.—Assistant required, free of military service; smart man wanted; salary starting at 300 rupees per month, 325, and 350 rupees, with commission for night duty averaging 50 rupees per month; an unqualified man would suit if a good Salesman. Apply "G. K." (159/14), Office of this Paper.

FAR EAST.—A practical Chemist wanted; one with sufficient knowledge and experience to undertake manufacture of Synthetics and fine Chemicals. All particulars of experience and qualifications to 125/7, Office of this paper.

SOUTH AMERICA.—Representative or Agent (experienced) required by important manufacturers of Drugs, Fine Chemicals, and Surgical Dressings. Apply 159/4, Office of this Paper.

REQUIRED for the East, qualified Assistant, about 25; ineligible. Apply 159/26, Office of this Paper.

REQUIRED by Wholesale house in East End, lady Clerk with some experience of Invoicing. Apply 160/370, Office of this Paper.

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[HOME.]

RETAIL.

ADVERTISER, single, 41, discharged, unregistered, disengaged; Manager, Locum, or Assistant; first-class experience and references. "Chemicus," Luda House, High Street, Skegness.

AS Manager; qualified, active, elderly man; or as Hospital or Infirmary Dispenser; good references; London or Southern Counties only; temporary or permanency. Apply 124/24, Office of this Paper.

ASSISTANT; unqualified; ineligible; working-class district; good Salesman, Window-dresser, N.H.I.; married; at liberty. Address "Rhei," 1 Lowwood Grove, Birkenhead.

ASSISTANT; age 31; height 6 ft.; unqualified; ineligible; 12 years' experience in all branches of the business; Manchester or Liverpool district preferred, but not particular. Apply 122/30, Office of this Paper.

ASSISTANT, unqualified, over military age, all-round experience, disengaged; London, remunerative salary. Radix, 72 Tremadoc Road, Clapham, London, S.W.

ASSISTANT or Branch; experienced City, West-End, Hospital Dispensing, Prescribing, Manufacture; please state hours, requirements, and remuneration; prepared to give best references; discharged R.A.M.C. "Lychen" (126/34), Office of this Paper.

ASSISTANT (C2) requires situation; good all-round experience and N.H.I.; excellent references; unqualified. Apply "H. R." (126/11), Office of this Paper.

BOURNEMOUTH.—Bookkeeper, Stockkeeper, and General Assistant by well-experienced Wholesale man. Apply 115/29, Office of this Paper.

BRISTOL.—Lady desires Locum or part-time work; Hall qualification; experienced. Griffiths, 38 Alfred Hill.

CHEMIST'S Son requires situation, age 16, in good-class country Dispensing business; just getting useful; comfy home. State wages, etc., to Mr. Coombes, Chemist, Great Missenden.

DISENGAGED; Hall qualification; age 30; married; Doctor's or Hospital; sole charge; 14 years' experience; discharged; salary £3 10s. J. S., 20 Dents Road, Wandsworth Common.

DISPENSER, daughter of professional man, good education, desires post; Hall certificate; experienced. Apply 127/25, Office of this Paper.

FOR Fridays and Saturdays only, Dispensing wanted; lady (Hall); experienced; distance no object. E. M., 26 Knollys Road, Streatham.

HALL certificated; Surgery experience; good reference. Saul (Miss), 22 Moorland Road, Leeds.

LADY Dispenser, Hall qualification, requires post, afternoons; experienced. E. B., 140 Green Lanes, N. 16.

LADY Dispensers (Hall), experienced, good references, desire post together in Hospital or Dispensary. Write C., 10 The Grove, Boltons, S.W. 10.

LADY Dispenser, with Hospital experience, desires post in Hospital or Institution. Apply 118/29, Office of this Paper.

LADY Dispenser, part Hall qualified, Hospital experience, wants post beginning of November; Doctor or Institution. Webster, Brunswick House Clifton Gardens, Maida Vale.

LADY Dispenser (Hall), many years' experience, desires post with Chemist or in Hospital; excellent testimonials; disengaged October 15th. Apply 115/37, Office of this Paper.

LADY Dispenser, Hall qualification, two years' high-class West End experience, desires engagement; Hospital or public Dispensary preferred. Apply 124/34, Office of this Paper.

LADY Dispenser (unqualified) desires post. X. Y., 66 West Side, Wandsworth Common, S.W.

LADY, Hall qualification, studying for Minor, hard-working, careful, offers morning services free to Chemist; London only. B., 14a Thurlow Road, N.W. 3.

LADY Dispenser (Hall), well recommended, seeks part-time post with Doctor or Institution; Bookkeeping; North London district; perfect French. Bailey, 55 Hoidenhurst Avenue, N. Finchley.

LADY (Hall), experienced, desires post as Dispenser in Liverpool; business or Institution. Apply 126/39, Office of this Paper.

LADY Dispenser (Hall) desires post with Doctor or Public Institution near London. Apply 126/14, Office of this Paper.

LADY Dispenser (Hall qualification) seeks engagement; Manchester district. Apply 125/26, Office of this Paper.

LADY Dispenser; Doctor or Institution; country near London; eight years' experience. Apply 125/12, Office of this Paper.

LADY Dispenser (Hall qualification), some experience, seeks engagement. Apply 125/260, Office of this Paper.

LOCUM, permanency, or part-time; lady Dispenser (Hall qualification), experienced, good references, disengaged; Institution or Doctor preferred. Apply 124/7, Office of this Paper.

LOCUM or Branch Manager; good references for Dispensing and Retail; age 45. Turner, King's Pharmacy, High Street, Southend-on-Sea, Essex.

LOCUM or permanent; 20 years' all-round experience; exempt; excellent references. Address "C., 33 Belle Vue Road, Southend-on-Sea.

LOCUM; day or week; Manchester district; good all-round experience; highest references; disengaged. "H., 12 Richmond Avenue, Sedgley Park, Manchester.

LOCUM; reliable. Address "M.P.S., c/o John Thompson, Ltd., Hanover Street, Liverpool.

LOCUM, over military age, disengaged; town and country experience; abstainer; excellent references. "Energetic," 19 Chapel Street, Uxbridge, Middlesex.

LONDON.—As Manager; permanency; qualified; over military age; outdoors; married; disengaged 27th; thoroughly experienced. "Manager," c/o Stedman & Co., Ltd., Chemists, West Malling, Kent.

M.P.S., married, 33, as Manager; view to early succession; thorough knowledge Dentistry and Optics; good all-round experience. 659 Fulham Road, S.E.

MANAGER, C3, 27, worker, abstainer, qualified, requires engagement; remuneration expected for good services. "Reliable" (122/26), Office of this Paper.

MANAGER, locum, Major, 48, disengaged; references; outdoors; experienced. T., 51 Mimosa Street, Fulham Road, Fulham, S.W.

MANAGER or Assistant; unqualified; first-class experience as Counterman, Dispenser, and Prescriber; married; no family; tall; middle-aged. Chemist, 54 Other Road, Redditch.

MANAGER, qualified, over military age, seeks berth; all-round experience; first-class Pharmacist; West-End and Continental experience; good appearance and address; tall, energetic, and healthy; smart Salesman and successful Prescriber. Apply "Laxol" (125/37), Office of this Paper.

MANAGER, qualified, 40, wants good position; all-round business man; reliable and competent; good London and country experience. Apply 127/270, Office of this Paper.

PART-TIME; free Fridays, Saturdays, and other evenings; first-class experience; excellent references; W. or S.W. London preferred. B. G., 41 Frithville Gardens, W. 12.

PART-TIME; Student requires situation for Saturday afternoons and Sunday duty. Dispenser, 6 Milner Street, Gibson Square, N. 1.

PART-TIME; qualified; 38; ineligible; three full days, three half-days free; excellent experience and credentials; interview arranged; West or S.W. preferred. Apply 126/23, Office of this Paper.

PHARMACIST, still in business, 30 years' experience, active, with skilled Optical and Dental abilities, requires part-time engagement after 2 o'clock in London. "Reliable" (122/23), Office of this Paper.

PHARMACIST; capable Manager; businesslike, reliable, energetic, possessing excellent unsolicited testimonials; thoroughly experienced. Apply 123/4, Office of this Paper.

QUALIFIED Chemist wants a quiet situation through illness. W., 37 Portland Square, Plymouth.

QUALIFIED lady Dispenser, Bookkeeper, disengaged; 10 years' experience. Apply 124/1, Office of this Paper.

QUALIFIED Chemist, 46 (married), desires temporary post in a good-class business; disengaged now; experienced; state salary and hours. Apply "Statim" (124/22), Office of this Paper.

QUALIFIED, C3, married, tall, gentlemanly, ideas, initiative, influential Salesmanship, shortly requires post; permanency, if pay prospects good; Photographics good. Apply 122/29, Office of this Paper.

QUALIFIED, 27, B1, seeks position as Manager that carries exemption; N.H.I., Light Retail; immediately. "Salol" (122/19), Office of this Paper.

QUALIFIED; Manager or Senior; fully experienced; South or West of England preferred; can commence duties immediately; permanency desired. Apply 125/6, Office of this Paper.

QUALIFIED lady Dispenser desires post with Doctor, resident and country town preferred; good references. Apply Elsey, 59 Cecile Park, Crouch End, London.

QUALIFIED, B3, requires responsible position as Manager; trustworthy and capable; good experience. Apply 127/27, Office of this Paper.

QUALIFIED, 50, abstainer, excellent experience and references, disengaged daily after four. Apply 126/35, Office of this Paper.

QUALIFIED, over military age, active, experienced, wants permanency. Please state salary, hours, etc., Ivory, 5 North Terrace, Bishops Stortford.

STUDENT (discharged) desires part-time post in good-class Pharmacy; assistance with Dispensing and at Counter; London district. Apply 125/21, Office of this Paper.

UNQUALIFIED, ineligible, disengaged shortly; Dispensing Counter, Extractor; town and country experience. "Lysol" (124/9), Office of this Paper.

UNQUALIFIED (discharged from Army) desires post; Lancashire or Yorkshire preferred; well up in Dispensing and Photography; capable of taking charge. Apply 125/38, Office of this Paper.

WANTED, spare time employment, Pill, Tablet, or Powder Packing, Film Development, Printing etc. by country Pharmacist; able to handle in quantity. Apply 126/20, Office of this Paper.

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SALES MANAGEMENT.

ADVERTISER (36) desires berth as Home Sales Manager; good Organising and Advertising abilities; knowledge of modern Therapeutics; Correspondent; high-class Druggist Sundries and Patent Medicines, or would Represent good firm in Midlands or West of England. "Inventus" (161/23) Office of this Paper.

ADVERTISING man with Pharmaceutical training offers services; first-class copy writer; over military age. Apply 122/24, Office of this Paper.

ADVERTISER (32) desires permanency with London Manufacturing house as Factory Manager; sound organiser, keen buyer, and strict disciplinarian; practical maker Toilet Creams, Powders, Lotions, and Pharmaceutical preparations; ineligible (ex-Service B.E.F.). "Sempo" (125/31), Office of this Paper.

ASSISTANT (discharged soldier), 27, 6 years' all-round Retail experience, desires post as Representative for good house. State salary, "Harris" (123/35), Office of this Paper.

FRENCH Pharmacist, qualified, Analytical, Bacteriological, and Urological Chemist, speaking three languages, six years' London and West-End experience, seeks situation in Retail, Wholesale, or Manufacturing business. "A. G. B.," 1 Crawshaw Road, Brixton, London, S.W. 9.

LADY, experienced Supervisor, also experienced in Laboratory and Clerical work, requires position of responsibility. Address 124/28, Office of this Paper.

LIVE Representative, with sound connection, seeks additional Agency; British or American Medical specialty or Proprietary article. Apply "Manchester" (124/3), Office of this Paper.

PHARMACEUTICAL Chemist (Medallist Chemistry), with Analytical, Manufacturing, and Retail experience, having occasional spare time, is open to undertake Analyses, manufacture Proprietary articles, introduction new products, etc. Please state requirements, 126/37, Office of this Paper.

TRAVELLER, lady, with Retail experience, is open to represent a good house; London district. Please address particulars, "E. V." (126/370), Office of this Paper.

WANTED, situation in Warehouse; many years' experience in Patents, Druggist Sundries, etc.; also accurate Checker, Stockkeeper; have had charge of staff, also town and dispatch departments; ineligible; excellent references. Apply 126/19, Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

ENGLISH Chemist, qualified, fluent French and Italian, first-class Continental experience, including three years' Manager-ship, seeks berth in Switzerland. Write 110/17, Office of this Paper.

MISCELLANEOUS.

See Notice on Front Page of this Supplement.

TABLETS AND PILLS.—We have still some 250 lots of Leo's Stock to clear, including Phenacetin and Caffeine (about 40,000), Antipyrin and Caffeine Tablets Bland's Pill, and Combinations, Quinine, Cascara, Bismuth Soda, etc., Phenolphthalein; all offered at big discount; detailed list on application. A. S. Price & Co., Ltd., Blackheath, Birmingham.

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WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

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"The Chemist and Druggist," 42 Cannon Street, London, E.C.

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FOR DISPOSAL.

BOOKS AND PERIODICALS.

SALE, 1911 Codex (new); Squire's Companion, 1899; Attfield's Chemistry, 13th edition; 1898 Pharmacopoeia; Bentley's Botany. What offers? 100 Stormont Road, Clapham Common.

DRUGS AND CHEMICALS.

POT. Permang., 1½ lb. What offers? Apply 124/18, Office of this Paper.
CODEINE, 3 oz. What offers? Apply 124/38, Office of this Paper.

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DE GRAVE'S Brass Counter Scales and Weights. Dear, 111 Royal Parade, Eastbourne.

MISCELLANEOUS.

WHAT offers for 2 cwt. 7" sticks Sealing Wax? Thomas Horton, Merthyr.

3 REAMS fast Blue Demy; small stock Druggist Sundries; in good condition. What offer? Apply 123/6, Office of this Paper.

WANTED.

TOILET Rolls; quantity and price. Duck, Chemist, Cardiff.

WANTED, 1 oz. or less "Styracol." Apply 124/4, Office of this Paper.

WANTED, high-class 2½ x 3½ Plate Camera. Hopkins, 10 Gwydyr Mansions, Hove.

SACCHARIN wanted; small or large quantities. Timothy White Co., Ltd., Portsmouth.

SACCHARIN, guaranteed 550 strength, wanted. Offers to Lloyd, 323 Coventry Road, Birmingham.

WANTED, Theocin Sod. Acetate, ½ or 1 oz. State price, Lawrenson, Chemist, Radcliffe, Lancs.

COMPLETE and clean copy of "Pharm. Journal" Formulæ. Apply 121/26, Office of this Paper.

WANTED, ½ lb. Cartons; ½ oz. and 1 oz. bottles; Collapsible Tubes for Tooth Paste, etc. Apply 124/400, Office of this Paper.

WANTED, Outside Mortar and Pestle; gold leaf covered; about 1½ x 1 feet; moderate price. Apply 122/20, Office of this Paper.

WANTED, Greenish's Materia Medica, Johnson's Botany, Perkin Kipping's Chemistry, Mellor's Chemistry. M., 14a Thurlow Road, N.W. 3.

WANTED, second-hand Gardner's Patent Dryer for gas heating; state size and lowest price. Apply T. O. Owen & Co., Manufacturing Chemists, Llandudno.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

SMALL National Cash Register wanted (second-hand); self-adder; must be in good condition. Write with particulars to F. Fishwick, 157 Jamaica Road, Bermondsey, S.E.

Bradford Pharmacists' Association.

THE FIRST MEETING of the session of the Bradford Pharmacists' Association was held on October 11 at the Central Café, the President (Mr. R. T. Silson) in the chair. It was resolved that a special effort be made to induce members to stand firmly by the prices in the Association's monthly retail price-list, and not "cut" each other by adhering to out-of-date charges. It was decided that the Association secede from the Bradford Chamber of Trade as a section of that body under its financial and administrative control, but remain associated with the Chamber as an affiliated independent Association. The Hon. Secretary (Mr. F. E. Burdett) reported that in connection with the difficulty of securing methylated spirit he had communicated with the Ministry of Munitions, and was assured that orders for war or medical purposes would receive preferential attention by the methylators if a written guarantee were given, but that mineralised spirit was not to be used for burning. Mr. Hugo Wolff, of London, then addressed the meeting on the *Better Development of the Trade Side of Pharmacy*, and said he was tired of National Health Insurance and of pharmaceutical politics, and was glad to have a chance to talk business. The Leeds Association seemed to have got an idea that there is a difference in breed between Londoners and Northerners, and he was to speak at Leeds next month on the London attitude. Mr. Wolff said he must say at once that he is in business to get a living, and not for the sake of his health. His views did not suit some people, and "Diogenes Junr." had stated that men with such views ought to be kicked out of pharmacy. Was there any reason that because a man is a chemist and recognises the dignity of his craft he should not acknowledge that, after all, he is out to make a living? They must all have realised, as he had done at his own start, that there are thousands of chemists' shops in this country which practically take no money at all. A draper's assistant in a large store can take as much in a day as the average private chemist will take in a week. This is not surprising when they remembered that the art of selling goods is not a part of the chemist's training for qualification. And yet the chemist starts off with a monopoly, as he is the only man who can sell poisons or dispense medicines, and by reason of that there is a business of some sort already waiting for him. He could say a lot on side-lines, but proposed to deal more with their own business. They must all admit that whether the payment for Insurance dispensing is adequate or not—and he did not propose to discuss that—the work does bring a lot of people into the shop. Surely it is up to the chemist to get the very most he can out of them, rather than to spend his time reciting incantations about his professional dignity. Their business might be divided into three factors—working-costs, purchasing-costs, and sales volume; and 60 per cent. of the turnover went in the purchase of goods, 20 per cent. in running-costs, and 20 per cent. was profit. That simply meant that the better one buys, the more profit there is. It was exceedingly difficult to cut down working-expenses, because they are generally as low already as is workable. The only avenue to increase the profit already gained on good buying was by good selling. He would suggest that this be done by suggestive or additional or supplementary sales—that is, the sale of something in the shop in addition to that for which the customer came in. This sale did not carry the same amount of overhead charges as the sale of the thing which brought him into the shop. Suggestive salesmanship was not the same thing as the scientific salesmanship of which the Americans were artists, and which simply was to sell a dress suit to a man who called for a collar-stud. (Laughter.) When the chemists themselves went into some other shop did they not usually buy more than they intended if the shop was well arranged? Why not apply that to the drug-trade? It was not a trick; it was perfectly fair trading. Mr. Wolff went into details in illustrating his own methods of suggestive salesmanship in his own business. They must remember, however, he continued, that great injury was done by pressing a customer to buy something other than what he came for if the latter is in stock; that only got up the customer's back. Mr. Wolff said the chemist should have a profit of 25 per cent. on patent medicines, but as that was not forthcoming they must use the patents as levers and add to the initial profit on the article demanded by that on suggestive sales of what he called "couples"—some article connected with the original article's uses—a particular comb to a hair-brush, a tooth-paste to a tooth-brush, etc. But they must not directly ask the customer to buy these supplementary articles; it must be done entirely by

gentle suggestion. Even if nothing were sold on that occasion the customer went out knowing where the thing was to be got if he wanted it. They had to remember that the public very largely looked for a brand, and it was therefore up to the chemist to sell the goods which were largely advertised and noted, even if the profit were small, because they brought people to the shop to buy other things. Another point which pharmacists did not seem to grasp was that of putting the goods on the counter the moment a customer inquired the price of an article instead of merely glancing in its direction and stating the price. He believed chemists were the only people who committed this mistake. They always tended to underrate the buying power of the public. If the buyer wanted something packed in different sizes, show him the big size. People almost invariably stuck to the size they originally bought. Even if there was a slightly less profit on the big size, think of the saving in labour and working-charges. The chemist should know the selling details of all his goods. One of the greatest causes of non-success was that they did not know their goods intimately as many other traders did. Chemists were not as good business men as the grocers. The greatest possible factor of success in the shop was the service behind the counter. He had kept records of reasons people had left other shops and come to his from their own admissions, and 70 per cent. had come because the service at the other place had displeased them. The private chemist had a great asset in his own personality, the absence of which was the greatest weakness in the big store. It must be cultivated to the uttermost. The Insurance work brought a constant stream of people into their shops, and if they would spend their time in increasing their business instead of grumbling about it they would be a better profession. It is a simple business truth that, no matter where the shop is situated, honest treatment of the customers, fair prices, a cultivation of the manner of first pleasing the customers and then selling them goods, would always put more money into the till and more of the joy of living into the chemist's heart. (Applause.) In the discussion which followed, Mr. Stead said he had worked on similar lines, and never missed a chance of pleasing a customer. Mr. Henson said he was glad Mr. Wolff had kept off National Insurance, because it was one of the things connected with the Government, such as post-offices, etc., and they might rest assured that anything connected with the Government was not going to leave much change for them. Mr. M. Firth said the address had reminded him of a recent couple of weeks during which he had been left without an assistant and had to attend personally to every customer. He discovered that they were the two most productive weeks for a long time past. Although his assistant was a good youth it took years of training to acquire sufficient tact to approach a customer in the right manner. In window-displays he had recently adopted the method of specialising one object with a few big labels, so that people could see the show without stopping, and did not have to examine the window and its many small things and tickets like a museum. The President proposed a vote of thanks to Mr. Wolff, which Mr. G. Penty seconded, adding that they might do better if they devoted more time to good salesmanship than to many of their occupations which took up time. The Hon. Secretary (Mr. Burdett), in supporting, said he could not entirely see how Mr. Wolff did such big business if he had less than a fifth of his turnover on patents, and he thought there must be a big sale of something of his own. Mr. Wolff, replying to the vote, said he was absolutely "fed up" with pharmaceutical politics and National Health Insurance, and thought the trade side had never had a fair chance yet. It was time they took things as they are, and not as they would like them to be. They had an absolute start of every trade in the country, and why not use it to advantage? A wish had been expressed that he might say a little on National Insurance. His attitude was that if they claimed to be professional men and asked nothing on the cost for drugs, but only a professional fee for dispensing, why do they not ask for a real professional fee? As it was, they asked the Commissioners to give 3d. for dispensing a prescription, and yet the chemist only had to stand behind the counter and get 4d. for selling a bottle of emulsion. The fundamental error of their case was that they based their charges on a time basis at 2s. per hour. That was good enough in quiet times, but not after five o'clock in the evening, when time was worth 10s. an hour to them. He fully agreed as to the importance of window-display. It was the traveller's showcase. As to the Secretary's surprise about his own good business with only 20 per cent. on patents, he always kept well in with the mothers of infants. They must face facts, and admit that they cannot sell their own goods under their own name to any appreciable extent. The sales of patents were not counted in dozens, but in millions.

Birmingham Pharmaceutical Association

THE ANNUAL REPORT of the Birmingham Pharmaceutical Association shows a balance in hand of 22l. 2s. 2½d., the register containing 164 members, 19 associates, and 8 subscribing firms. The work of the Association is well summarised, the principal items recorded being the early-closing movement, the Hospital Out-patients' Dispensing Committee, the Parliamentary Representation Fund, and the Minimum Prices Committee. The last-named, which meets monthly, fixes minimum prices to articles affected by the war, and thus prevents retailers disposing of stocks at prices below their present value. Working arrangements have also been made with the principal stores and several grocers in the city, and with the Drysalters' and Grocers' Associations, to the advantage of all concerned. The annual meeting of the Association is to be held at the University on October 24.—Mr. F. Smith, Hon. Secretary of the Association, has issued a circular on the revised prices chargeable for dispensing for hospital out-patients, the list showing the following new prices: *Both Hospitals*.—Linct. communis, 10d.; lot. pot. permang., 2s. 5½d.; lot. rubra, 7½d.; mist. acid. c. nuc. vom., 1s. 2d.; mist. acid. sulph. c. opio, 8½d.; mist. cret. c. opio, 1s. 2d.; mist. hyoscy., 2s. 4d.; mist. potass. et stramon., 11½d.; mist. sod. salicyl., 1s. 4½d.; pil. hydrarg. c. ipecac., 7½d.; ung. zinci et sulph., 8½d. *General only*.—Gutt. argent. nit. c. cocain., 1s. 5d. *Queen's only*.—Gutt. ethylmorph. c. acid. boric., 1s. 10d.; lot. thymol. co., 10d.; mist. ferri phosph. co., 8d.; mist. ipecac. co., 1s. 5½d.; mist. valer., 1s. 1d.; suppos. diamorph., ½ gr. 3d., ½ gr. 8½d., ½ gr. 9d., ¼ gr. 10d. The circular also notes that for the school medical service it has been found necessary to alter the formula for mist. ol. lini cum ferro, No. 4 of the Formulary, which is to read as follows (the charge for same being 6d.):

Sod. hypophosph.	...	...	...	16 gr.
Liq. calcis	...	...	...	240 min.
Dissolve and add—				
Syr. ferri phosph.	...	...	...	160 min.
Mucil. acac.	...	...	...	240 min.
Ol. lini	...	...	...	288 min.
Aq. ad...	...	...	...	2 fl. oz.

Dose: One teaspoonful.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

PARLIAMENT RESUMES.

Both Houses of Parliament resumed work on October 16, after the summer recess.

PETROLEUM (PRODUCTION) BILL.

The second reading of this Bill was taken in the House of Commons on October 16.

NATIONAL INSURANCE ACT AMENDMENT.

Sir Edwin Cornwall informed Mr. Hogge on October 16 that he hopes soon to be able to supply information regarding the introduction of an amending bill dealing with national insurance.

DECIMAL COINAGE.

Dr. Addison informed Mr. Joseph King in the House of Commons on October 17 that the problem of decimal coinage is being considered in connection with commercial and industrial policy after the war.

B 3 AND C 3 MEN.

Mr. Macpherson stated in the House of Commons on October 16 that instructions are issued monthly by the Army Council that recruits in categories B 3 and C 3 will only be posted for service if they are suitable: (a) for clerical duties, (b) for employment as tradesmen, and provided they are physically fit to serve in such capacities. Instructions have been issued to ensure that men within the Army, re-categorised B 3 or C 3, are only employed in duties which they are physically capable to perform.

DENTISTS ACT COMMITTEE.

Our Parliamentary correspondent learns that the Departmental Committee which has been appointed by the Lord President of the Council to consider the position of the unregistered dentist and other cognate matters has already held one sitting under the chairmanship of Mr. F. D. Acland, M.P. This, however, has been of a purely consultative character. The Committee will hold a further sitting on Tuesday next, and will subsequently take evidence from various parties interested in the inquiry.

Colonial and Foreign News.

HONEY.—Special regulations regarding the sale and distribution of native honey are announced in Holland. All dealers, buyers, etc., who wish to obtain a share of the 1917 yield are requested to register their names and addresses with the Special Distribution Committee.

REGISTRATION OF BUSINESS NAMES.—A Bill has been introduced by the Attorney-General into the New Zealand Parliament to provide for the registration of firms and persons in New Zealand carrying on business under business names. It is similar in all respects to the British Act.

DRUG AND CHEMICAL IMPORTS.—During July 1917 the imports of drugs, chemicals, and apothecaries' wares into the South African Union amounted in value to 89,302l., against 90,600l. in July 1916, which brings the total for the seven months ended July 1917 to 552,864l., against 661,471l. for the corresponding period of 1916. The imports of "apothecaries' wares of all kinds" have fallen off this year, being only 43,030l., against 81,953l. last year; medicinal preparations were valued at 67,256l., against 76,242l. in 1916. There have been larger imports of disinfectants and germicides this year, the value for the seven months being 41,673l., against 39,246l. in 1916.

CHEMICAL EXPORTS.—Recently published statistics of Dutch foreign trade give the following figures (millions of kilos.) in regard to drugs, chemicals, and dyes:

	1914	1915	1916
Total export ...	520.1	220.6	124.5
To Germany ...	186.5	83.1	21.7
To England ...	87.9	29.6	26.3

YACCA RESIN, collected principally from the Kangaroo Island plants, has been exported in considerable quantities. Two-thirds of the exports went to Germany, and inquiries made in 1910 by H.M. Trade Commissioner gave the remarkable explanation that it was used for colouring wine. The resin is not soluble in dilute alcohol of the strength of wines, and an attempt to colour a light-coloured wine of South Australian manufacture was a failure. Later inquiries indicated that it is used in the manufacture of cheap furniture-polish and lacquer for metalware. It has been used for varnish, but is not very suitable, and also in the manufacture of linoleum and as a photographic light-filter. Treated with nitric acid it yields 45 per cent. of picric acid, and with caustic soda it yields 8 per cent. of p-oxybenzoic acid. It is doubtless for the manufacture of explosives that the Germans imported yacca gum. Many thousands of acres in South Australia are said to be suitable for very little else than growing these slow-growing trees. The resin can be obtained by suitable means without destroying the life of the tree, which can be treated at intervals of several years over and over again. It is reckoned that 150,000 tons of the yacca gum is available at the present time if a suitable market could be obtained.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," October 17, 1917.)

- "LOCAL ANÆSTHETIC DOLOTHETIC BRAND": for local anæsthetics (3). By G. M. Rylance, 59-61 New Oxford Street, W.C. 1. 377,270.
- "PARA-TOLUENE STILOCHLORAMINE TOCHLORINE BRAND": for all goods (3). By Les Etablissements Poulenc Frères Société Anonyme, 92 Rue Vieille du Temple, Paris. 378,123.
- "NULOMOLINE" and scroll with words "THE HONEY OF SUGAR": for cane-sugar products (42), and for glycerin toilet substitutes (48). By The Nulomoline Co., 111 Wall Street, Manhattan, New York, and Fredk. Boehm, Ltd., 15-17 Jewry Street, E.C. 3. 379,065/067.
- "Vi-Mo": for beef-fluid and cubes (42). By The Liebig Medicated Wine Co., Ltd., Crosland Factory, Healy House, Huddersfield. 379,123.
- "PROMM": for perfumery, etc. (48). By C. Davis, 51 Rue du Rocher, Paris. 379,600.
- Device including figure of man surrounded by words "THE CRITIC COMPANY" and "BRITISH MANUFACTURE": for perfumery, etc. (48). By The Critic Co., Wellfield Mills, Canal Street, Rochdale. 379,612. (Associated.)

In my opinion the drinking of hyperchlorinated water by a recruit recently arrived in France, and placed suddenly under conditions imposing great strain on the kidneys, frequently determines the onset of an insidious toxic nephritis closely resembling the renal type of eclampsia in the female.—Dr. S. A. Bull.

THE METHYLATED SPIRIT FAMINE

By order of the Minister of Munitions, Methylated Spirit is no longer available for domestic use.

DON'T LOSE YOUR CUSTOMERS
SELL THEM PACKETS OF
"FLAMMOIDS"

PATENT APPLIED FOR

(Registered)

A SOLID, SAFE AND CONVENIENT SUBSTITUTE

Retail Price . . **7½¹⁰** per packet of 18

Wholesale Price **5/6** per doz. Carriage paid on 6 doz.

5% Discount for cash with order.

Owing to the enormous demand precedence is given to cash orders ; other orders are executed strictly in rotation.

With orders for 1 gross, 1 dozen additional packets are sent free for demonstration purposes.

"Flammoids" are ivory-like tablets which burn with a steady, non-smoky flame. Since there is no waste they are not more expensive to use than Methylated Spirit.

Each little "Flammoid" is sufficient for heating a pair of curling tongs.

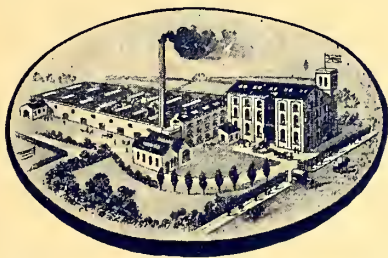
Larger size "Flammoids" for general heating purposes, such as boiling water, warming food, etc., are in course of preparation and will shortly be obtainable.

SOLE LICENSEES :

The STANDARD TABLET CO., HOVE



10 YEARS OF PROGRESS



These commanding premises, standing in their own grounds, are fronted by a well-kept garden, and fully equipped with the latest types of machinery for the manufacture of Compressed Tablets and Pharmaceutical Specialities.



Samples and Prices
will be sent on
receipt of postcard.

On November 5, 1907, the "WIGGLESWORTH WAY" came into existence. In its "Acorn" stage 250 square feet of floor space sufficed. Some two years later it was found necessary to transplant the young sapling, which, owing to its rapid growth, required more space, and its new home at Rosehill, Bolton, suited it admirably for six years. The continued process of growth enforced another removal, and the healthy young oak is now flourishing at Westhoughton, where development can continue unrestricted. The roots have become embedded, and with the tree in such a flourishing condition everything augurs well for the future progress of the "WIGGLESWORTH WAY." The present site has an area of nearly 5,000 square yards, and is excellently adapted in every way for the production of high-grade products. The secret of this remarkable result is in a large measure due to increasing the selling power of Window Display. The "WIGGLESWORTH WAY" combines the two great forces:—

SPECIALISING and ADVERTISING.

All the specialities are products of the highest grade, enclosed in attractive packages. The advertising consists of special show outers, hand-painted showcards and window bills, and printed cards, &c. This combination makes window dressing a pleasure, having double the effect with half the time expended. By the conversion of the window into a live selling force, compelling would-be passers-by to come into your Pharmacy, the "WIGGLESWORTH WAY" has now over 2,500 enthusiastic supporters. We shall be pleased to hear from any Pharmacist who has not yet adopted it.

WIGGLESWORTH LTD.
WESTHOUGHTON, LANCs.

TO WHOLESALE & EXPORT TRADES.

ESTABLISHED 1846.

Extracts
Tinctures in Bond

RANSOMS

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WILLIAM RANSOM & SON, LTD.,

MANUFACTURING PHARMACEUTICAL CHEMISTS.

Distillers of Essential Oils and Cultivators of Medicinal Plants.

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50 YEARS' REPUTATION.


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Made at Bournville.

IS ABSOLUTELY PURE.
The recognised
Standard of British
Manufacture.



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BACKHOUSE**
AND COMPANY

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